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FINAL SITE ASSESSMENT REPORT FOR STUDY AREA 38 (BALDWIN PARK) NTC ORLANDO FL

5/25/2010

TETRA TECH

TETRA TECH

May 25, 2010

BRAC PMO Southeast
ATTN: Mr. Art Sanford
4130 Faber Place Drive, Suite 202
North Charleston, SC 29405

Reference: CLEAN Contract No. N62467-04-D-0055
Contract Task Order No. 0125

Subject: Final Site Assessment Report for Study Area 38
Naval Training Center, Orlando, Florida

Dear Mr. Sanford:

Please find enclosed the Final Site Assessment Report for Study Area 38 in hardcopy and CD formats for your use. The final report includes the signed and stamped professional geologist certification page.

If you have any questions, please contact me at (865) 220-4701.

Sincerely,

Teresa K. Grayson

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Task Order Manager

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Comprehensive Long-term Environmental Action Navy

CONTRACT NUMBER N62467-04-D-0055

Rev. 1
05/25/10

Site Assessment Report
for
Study Area 38

Naval Training Center Orlando
Orlando, Florida

Contract Task Order 0125

May 2010

BRAC Program Management Office Southeast
4130 Faber Place Drive, Suite 202
North Charleston, South Carolina 29405

TETRA TECH NUS, Inc.

SITE ASSESSMENT REPORT
FOR
STUDY AREA 38

NAVAL TRAINING CENTER ORLANDO
ORLANDO, FLORIDA

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
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CONTRACT TASK ORDER 0125

MAY 2010

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PROFESSIONAL GEOLOGIST CERTIFICATION

I hereby certify that this document, *Site Assessment Report for Study Area 38, Naval Training Center, Orlando, Florida,* was prepared under my direct supervision in accordance with acceptable standards of geological practice.

Allan T. Jenkins 5/20/10

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ACRONYMS

AMSL	above mean sea level
AST	aboveground storage tank
bgs	below ground surface
BRAC	Base Realignment and Closure
BTEX	benzene, toluene, ethylbenzene, and xylenes
CADD	computer-aided design and drafting
CLP	Contract Laboratory Program
CMT	continuous multi-channel tubing
CO_2	carbon dioxide
DO	dissolved oxygen
DOT	Department of Transportation
DPT	direct push technology
EGIS	environmental geographical information system
FDEP	Florida Department of Environmental Protection
FSWCTL	Fresh Surface Water Cleanup Target Level
FT	feet
GCTL	Groundwater Cleanup Target Level
HSA	hollow stem auger
ID	inside diameter
IDW	investigation-derived waste
IP	in plume
K_{point}	point decay rate
MCL	Maximum Contaminant Level
mg/L	milligrams per liter
mL	milliliter
MS/MSD	matrix spike/matrix spike duplicate
MTBE	methyl tert-butyl ether
MW	monitoring well
NA	natural attenuation
NGVD	National Geodetic Vertical Datum
NTC	Naval Training Center
OD	outside diameter
ORP	oxidation-reduction potential
OP	outside plume
OPT	Orlando Partnering Team
PCB	polychlorinated biphenyl
PID	photoionization detector
POP	Project Operations Plan
PVC	polyvinyl chloride

QA	quality assurance
QC	quality control
RBC	risk-based concentration
SA	Study Area
SB	soil boring
SCG	soil cleanup goals
SVOC	semivolatile organic compound
TAL	Target Analyte List
TCL	Target Compound List
TPH	total petroleum hydrocarbons
TtNUS	Tetra Tech NUS, Inc.
µg/L	micrograms per liter
USEPA	United States Environmental Protection Agency
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	underground storage tank
VOC	volatile organic compound

EXECUTIVE SUMMARY

An environmental site assessment was conducted at Study Area (SA) 38 located in the Baldwin Park Neighborhood Orlando, Florida. SA 38 is located at what was formerly the Main Base of the Naval Training Center (NTC) Orlando and has been redeveloped as part of the Baldwin Park Neighborhood. The general objectives of the investigation were to determine the lateral and vertical extent of groundwater contamination identified at well MW-48, installed as a downgradient well during a previous SA 36Northwest (NW) investigation, and to evaluate impact on the plume from local surface water (i.e. New Broad Street Pond). This report presents the results of the site assessment.

Study Area Description

SA 38 is located near the intersection of Hopper Lane and New Broad Street in the Baldwin Park Neighborhood. The site was the location of Building 4001, a concrete-floored storage building constructed in 1965. The Morale, Welfare, and Recreation Operations Command stored grounds maintenance equipment and chemicals (including gasoline, lawn mower oil, fertilizers, and pesticides) in the building while the NTC Orlando was active (1968-1999).

Previous Investigations

An initial phase of screening fieldwork at SA 38 was conducted by ABB-Environmental Services, Inc. (ABB-ES) between June and July 1997. Results of the investigation of former Building 4001 indicated that soil samples contained volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides, and inorganics. None of the chemicals detected in surface or subsurface soil were found at concentrations greater than their then current, respective residential risk-based concentrations or soil cleanup goals. VOCs, SVOCs, and inorganics were detected in groundwater samples. With the exception of one detection of chloroform (considered to be a laboratory artifact), all concentrations were less than the risk-based concentrations (RBCs) or federal Maximum Contaminant Levels (MCLs) for drinking water. The site screening report recommended that SA 38 be made eligible for transfer with no further requirements for evaluation.

Exposure Pathways

The property deeds for Baldwin Park include a restrictive covenant stipulating that groundwater use is not allowed in the development. Furthermore, municipal water is provided throughout the development which essentially ensures that groundwater will not be utilized for domestic or commercial purposes (the area is not zoned for industrial use). Also, municipal-treated reuse water is provided throughout the development that essentially ensures, due to local statutory requirements, that groundwater will not be utilized for

irrigation purposes. These restrictions on the current and future use of groundwater result in an incomplete pathway for on-site groundwater use. As a result, protecting groundwater for the domestic or commercial use pathway is not a goal of the natural attenuation (NA) evaluation.

The hydrogeologic and chemical data presented in this report document that a plume of petroleum fuel chemicals is moving through the deeper portion of the surficial aquifer and that continued plume migration will result in discharge of the plume to Lake Susannah, the nearest downgradient surface water body. Thus, the pathway of concern for groundwater is discharge to fresh surface water.

Summary of Current Investigation Activities

In 2005, the results of groundwater samples collected from well MW-48C, a downgradient well associated with the SA 36NW site investigation of the former Main Base auto service station, showed that groundwater in the deeper portion [i.e., at a depth of 35 feet below ground surface (bgs)] of the surficial aquifer in immediate vicinity of former Building 4001 was contaminated with VOCs associated with petroleum fuels (e.g., benzene). Well MW-48 was located in proximity to a potential petroleum fuel contamination source at former Building 4001. The data created speculation that a release to groundwater may have occurred from former activities at SA 38.

Soil borings were advanced to evaluate the geology at SA 38 and to investigate potential soil and groundwater contamination. Soil samples were screened in the field to detect the presence of petroleum contamination that might represent release points or source areas. Groundwater profile samples were collected during boring advancement to evaluate potential source areas and to focus screen placement depths for permanent monitoring wells. Based on the results of previous investigations conducted for SA 36NW and the new groundwater profile samples, monitoring wells were installed at various locations and depths to define the horizontal and vertical limits of groundwater contamination, evaluate the progress of NA of the groundwater contaminant plume, and to provide groundwater hydraulic data. Based on the initial sampling of these wells, and the results of quarterly monitoring well sampling conducted by the Navy's Basic Ordering Agreement (BOA) contractor, several phases of profile sampling and monitoring well installation were conducted to determine the lateral extent of the plume.

Water levels were measured in selected previously existing monitoring wells and all newly installed wells to evaluate groundwater flow characteristics. The surface water elevation of the New Broad Street Pond was also measured to investigate the potential hydraulic interaction between groundwater and surface water. Quarterly monitoring well sampling was conducted by the Navy's BOA contractor for all wells associated with the SA 36NW and SA 38 site investigations.

A soil gas survey was conducted in December 2008 by installing GORE® passive soil gas samplers at 20 locations across the known groundwater plume area that lies beneath the SA 36NW and SA 38 investigation areas. The samplers were placed at a depth of 2 feet bgs, were retrieved after 12 to 13 days, and were submitted for VOC and total petroleum hydrocarbon (TPH) analyses.

Results of Current Investigation Activities

Continuous soil coring was performed for boring locations and two shallow monitoring wells were installed across the water table in the immediate vicinity of former Building 4001 at SA 38. Visual observations and head space screening of soil samples using a photoionization (PID) showed no indication of soil contamination. Groundwater samples from the two shallow wells showed an estimated concentration of benzene [0.85 J micrograms per liter (µg/L)] in one well but no detections of any other VOC or of TPH in either well. These observations indicate that a soil source does not exist at SA 38 and suggests that the source of the petroleum groundwater contamination found in the deeper portion of the surficial aquifer (i.e., 35 feet bgs) at SA 38 is a result of the release from the former Main Base Auto Service Station (SA 36NW) and eastward plume migration.

All of the monitoring wells installed during the current investigation and selected wells from the SA 36NW investigation were sampled for VOCs and petroleum hydrocarbons by Tetra Tech. Three of the new wells were also sampled for NA parameters. In addition, all wells associated with SA 36NW and SA 38 were sampled quarterly by the Navy's BOA contractor generally beginning the quarter following well installation. Analytical results from the multiple rounds of sampling have been compared to the Florida Department of Environmental Protection (FDEP) Groundwater Cleanup Target Levels (GCTLs). Petroleum fuel chemicals detected in groundwater samples that exceeded GCTLs included: benzene, ethylbenzene, xylene, isopropylbenzene, naphthalene, MTBE, 1,2,4-trimethylbenzene, and 1,2-dichloroethane (also a solvent). Non-petroleum chemicals that exceeded the GCTLs included: acroline (a biocide); bromodichloromethane, chlorodibromomethane, and chloromethane (trihalomethanes associated with treated water); trichloroethene and tetrachloroethene (solvents possibly related to SA 36, a separate nearby site); and methylene chloride (a common laboratory contaminant). The limited distribution and low frequency of detection of the non-petroleum chemicals demonstrate that they are of little concern in the surficial aquifer.

Benzene was observed to be the most frequent and most widespread VOC detected over the course of the investigation phases and sampling rounds and the spatial distribution of benzene in groundwater has been used to define the nature and extent of the groundwater plume. The maximum benzene concentration of 4400 µg/L (December 2005) was observed at well MW-48C (48C) located immediately west (hydraulically upgradient) of former Building 4001 at SA 38. The maximum benzene concentration observed downgradient of SA 38 (782 µg/L) was observed at well 59C in December 2008. This well lies approximately 660 feet east of well 48C and approximately 900 feet west (upgradient) of Lake Susannah

that is a receiving surface water body for local surficial aquifer discharge. The lateral (north by south) extent of the benzene plume has been observed to be relatively narrow (less than approximately 300 feet) along the west to east plume migration pathway. Interpretation of the investigation and monitoring data demonstrate that a release of contamination at the former underground storage tank (UST) pit has resulted in a plume in the deeper portion of the surficial aquifer (below 25-foot depth) that has migrated approximately 1800 feet east of the former UST pit at SA 36NW, toward Lake Susannah. The quarterly groundwater monitoring data has provided a data set that demonstrates that the plume is migrating eastward toward Lake Susannah at an approximate velocity of 220 feet per year (ft/yr), and the leading edge of the plume is expected to reach the lake within approximately 2 years, although the core of the plume is expected to reach the lake in 2013. Previous remediation of the release site (former UST pit at SA 36NW) has resulted in a detached plume and natural attenuation processes are resulting in a decrease in plume concentrations to the east.

Only benzene and naphthalene have been observed in the downgradient portion of the plume at concentrations greater than their respective FDEP Fresh Surface Water Cleanup Target Levels (FSWCLTs). Based on calculated decay rates, the maximum benzene concentration at the lake shoreline is not predicted to exceed the FSWCTL of 71.28 µg/L. The maximum concentration of naphthalene observed during September 2008 through June 2009 sampling was 125 µg/L compared to the FSWCTL of 26 µg/L. The maximum concentration was observed in a well located 1600 feet upgradient of the lake. Based on the decline in observed naphthalene concentration over time, distance from the source, and the observed decay for benzene, naphthalene is not expected to exceed the FSWCTL at the lake shoreline in the future.

The surface water elevation measured for the New Broad Street Pond shows that the pool water level is higher than the local water table and higher than the potentiometric head in the deeper portion of the surficial aquifer where the plume is located. These data show that the pond is unlikely to receive local groundwater discharge. Analysis of a surface water sample shows that the pond has not been impacted by petroleum fuels. This data shows that the local aquifer is unlikely to be impacted from pond leakage into the local aquifer system.

The soil gas sampler results showed the presence of benzene at two locations and TPH at seven locations. The soil gas concentrations were compared to United States Environmental Protection Agency (USEPA) screening criteria for evaluating indoor air risk via soil vapor migration into residences (soil vapor intrusion) (2002a). The soil gas concentrations of benzene were approximately an order of magnitude below the USEPA 1e-06 risk level for indoor air; USEPA generally recommends using the 1e-05 risk level for screening. USEPA criteria for TPH are not available, but all of the TPH concentrations in soil gas were below the benzene 1e-05 risk level for indoor air. It was concluded that there is little potential risk to Baldwin Park residents due to the VOC plume that lies approximately 35 feet bgs.

Recommendations

The following recommendations are based on the investigations at SA 36NW and SA 38:

- Continue to monitor the groundwater at SA 36NW and SA 38 to document changes in the concentrations of contaminants and aquifer geochemistry. Due to plume migration and plume shrinking, optimization of the location and frequency of well sampling should be performed.

- Install additional monitoring wells screened in the C and D zones near Lake Susannah to monitor the vertical and horizontal limits of contamination and to verify plume attenuation.

- Propose a remedial action based on monitored NA of the plume to FDEP.

- Consider SA 36NW as a single comprehensive site for future evaluations and reporting, inclusive of the SA 38 area of assessment.

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1.0 INTRODUCTION

An environmental site assessment was conducted at Study Area (SA) 38 located in the Baldwin Park Neighborhood at the Main Base of the former Naval Training Center (NTC), Orlando, Florida. The purpose of the SA 38 assessment was to determine the lateral and vertical extent of groundwater contamination identified at well MW-48 (installed as a downgradient well during the SA 36Northwest (NW) investigation) and to evaluate the impacts of any interaction between the plume and local surface water (i.e. New Broad Street Pond). Well MW-48 is located approximately 750 feet hydraulically downgradient of the former USTs at SA 36NW, but is immediately adjacent to the former SA 38 facilities. The initial groundwater sample results from well MW-48C showed exceedances for chemicals consistent with a release of petroleum fuel and triggered the need for additional assessment. The objectives of the SA 38 investigation were to define the extent of petroleum contaminated groundwater at SA 38, to investigate SA 38 as a potential source of groundwater contamination, to evaluate the hydraulic connection with the pond, to assess the relationship of groundwater contamination to the known release of petroleum fuels at SA 36NW, and to determine if potential impact to downgradient surface water exists. The technical approach to the investigation was developed in conjunction with the Orlando Partnering Team (OPT). This report documents the field activities, presents the results of the investigation, and provides a human health risk assessment for the SA 36NW/SA 38 site as a whole.

The phased field work was performed in June and August 2007, April to June 2008, and in December 2008, in accordance with the Work Plan for Contaminant Source Investigation at SA 38, Naval Training Center, Orlando, Florida [Tetra Tech NUS, Inc. (TtNUS), 2007] and Addendum No. 1 to the Work Plan for Contaminant Source Investigation at SA 38, Naval Training Center Orlando, Florida (TtNUS, 2008). Pertinent field work previously performed for SA 36NW to characterize and delineate the groundwater plume is also presented in this report.

1.1 SITE LOCATION

SA 38 is located in the Baldwin Park Neighborhood at the Main Base of the former NTC, Orlando, Florida. Figure 1-1 shows the location of the former Main Base at NTC Orlando. Figure 1-2 presents the section of the Orlando East, Florida United States Geological Survey (USGS) Quadrangle that depicts the former Main Base and identifies the location of the SA 38 assessment in relation to the surrounding area. Due to transfer of the Navy property to the City of Orlando and redevelopment of the site, structural features associated with the former NTC Orlando Main Base no longer exist. Figure 1-3 shows the current site features of the redeveloped Main Base and the SA 38 assessment area. Figure 1-4 depicts the current site features at the start of the SA 38 site investigation and includes the location of the SA 36NW (i.e., the

former Main Base Auto Service Station facilities) including the location of the former gasoline USTs. Monitoring wells installed as part of the SA 36NW site investigation are also shown on the figure.

SA 38 is located approximately 800 feet east of SA 36NW. Groundwater flow across the two areas is eastward, towards Lake Susannah, and is contiguous between the sites with SA 38 located directly downgradient of SA 36NW. The SA 38 investigation began in the south-central portion of the Baldwin Park Neighborhood, near the intersection of Hopper Lane and New Broad Street and extending east, beyond the New Broad Street Pond (Figure 1-4). Delineation of the groundwater plume has extended the investigation to the shoreline of Lake Susannah, approximately 2,400 feet east of SA 36NW and 1,600 feet east of SA 38.

1.2 SITE BACKGROUND

SA 38 was the location of former Building 4001, a concrete-floored storage building constructed in 1965. The Morale, Welfare, and Recreation Operations Command stored grounds maintenance equipment and chemicals (including gasoline, lawn mower oil, fertilizers, and pesticides) in the building while NTC Orlando was active (1968 to 1999).

The site background for SA 36NW was presented in Site Assessment Report for SA 36NW (TtNUS 2006). SA 36NW includes the former Building 109 that served as a gasoline service station and motor vehicle repair facility from the time of its construction in 1974 until Base closure in 1999. Three 20,000-gallon steel USTs were installed in 1974 and were in operation until being replaced with fiberglass units of the same capacity in 1994. The fiberglass tanks were installed in the same locations as the steel units and were in operation until Base closure. The site also included 12 gasoline dispensers and associated piping, one 280-gallon waste oil UST located adjacent to the eastern end of the building, and one 1,000-gallon waste oil aboveground storage tank (AST) located inside the garage area.

Groundwater investigations conducted at SA36NW have shown that the surficial aquifer is contaminated with petroleum contaminants at concentrations greater than Florida Department of Environmental Protection (FDEP) Groundwater Cleanup Target Levels (GCTLs) for 2005. The groundwater plume at SA 36NW was determined to have originated from a release associated with the USTs located at the former Main Base Auto Service Station (Building 109); the release resulted in a plume that migrated east with groundwater flow. Following the SA 36NW assessment, increasing concentrations of petroleum contaminants detected in downgradient monitoring well MW-48C during quarterly monitoring indicated either that the groundwater plume was continuing to migrate to the east, or that a new source of groundwater impacts existed (e.g., historical activities at SA 38).

1.3 PREVIOUS SA 38 INVESTIGATION

An initial phase of screening fieldwork was conducted at Building 4001 by ABB-Environmental Services, Inc. (ABB-ES) between June and July 1997. Results of the investigation are presented in the Base Realignment and Closure Site Screening Report - SA 38 (ABB-ES, 1997). During the investigation, noted concerns included fuel and oil stains on the floor of Building 4001 and chemical odors. No visual evidence of material releases or stressed vegetation were observed around the perimeter of the building. The investigation was intended to assess the potential impact from incidental releases of lawn maintenance chemicals in and around Building 4001.

One boring for soil sampling and well installation was advanced with a hand auger to a total depth of 9 feet below ground surface (bgs) during the site screening. Two soil samples were collected from the boring and submitted for Contract Laboratory Program (CLP) Target Analyte List (TAL) and Target Compound List (TCL) laboratory analysis plus pesticides, polychlorinated biphenyls (PCBs), herbicides, and total petroleum hydrocarbons (TPH). The soil boring was completed as a temporary monitoring well and a groundwater sample was collected. The groundwater sample was submitted for full suite CLP TAL and TCL laboratory analysis plus pesticides, PCBs, herbicides, and total suspended solids analysis.

Results of the surface soil analysis showed detections of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, and inorganics. VOCs and inorganics were detected in subsurface soil samples. None of the chemicals detected in surface or subsurface soil were at concentrations greater than their then-current, respective residential risk-based concentrations (RBCs) or soil cleanup goals (SCGs).

VOCs, SVOCs, and inorganics were detected in groundwater samples. All concentrations were less than RBCs or federal Maximum Contaminant Levels (MCLs) for drinking water except for a detection of chloroform. The detection of chloroform at 0.17 micrograms per liter (µg/L) was slightly greater than the MCL for tap water of 0.15 µg/L and was considered to be a laboratory artifact because chloroform was not detected in soil samples. The site screening report recommended that SA 38 be made eligible for transfer with no further requirements for evaluation. However, the results of groundwater sampling at the eastern edge of SA 36NW suggested that additional investigation at SA 38 was warranted and led to the investigation documented in this report.

1.4 PREVIOUS SA 36NW INVESTIGATION

In March 2000, the three 20,000-gallon USTs at Building 109 were closed in place by filling them with sand. In April 2002, as part of pre-development activities, the development contractor for the City of Orlando tasked Nodarse and Associates, Inc. with assessing the presence of contaminants in soil and groundwater at the former Building 109 area. The results of the investigation indicated the presence of petroleum fuel contamination [up to 42,470 µg/L total benzene, toluene, ethylbenzene, and xylenes (BTEX)] in groundwater in the vicinity of the former USTs and piping (Nodarse, 2003). Interim remedial efforts, conducted from July through September 2002, included the removal of the USTs, extraction and treatment of approximately 3 million gallons of contaminated groundwater, and the excavation and disposal of over 2,200 tons of impacted soil (Nodarse, 2003). Following the remedial effort, FDEP requested an assessment of the deeper portion of the surficial aquifer, beneath a layer of cemented sand that lies at a depth of 15 to 25 feet bgs.

TtNUS initiated an assessment of the deep surficial aquifer at SA 36NW in May 2003 that was completed in May 2005. The results of a screening phase of the investigation, conducted using direct push technology (DPT) to collect groundwater samples, indicated that all exceedances of the GCTLs occurred below the cemented sand; therefore, the permanent monitoring wells were screened in that zone. A total of 11 monitoring wells (including MW-48C, the most downgradient well) were installed to define the lateral and vertical extent of petroleum-derived groundwater contamination. A quarterly groundwater monitoring program was implemented by the Navy in March 2004 and is ongoing for wells at both SA 36NW and SA 38.

1.5 ENVIRONMENTAL ACTIONS

The environmental activities at SA 38 are summarized in Table 1-1. The details of the environmental activities performed to date for SA 36NW were detailed in the Site Assessment Report for SA 36NW (TtNUS, 2006). However, environmental activities performed by TtNUS and the Navy subcontractor that are pertinent to the groundwater investigation for both sites SA 36NW and SA 38 are included in Table 1-1 for completeness.

TABLE 1-1

**CHRONOLOGICAL SUMMARY OF ENVIRONMENTAL ACTIVITIES
STUDY AREA 38**

**NAVAL TRAINING CENTER
ORLANDO, FLORIDA**

Date	Event
1940 to 1947	United States Army
1947 to 1968	United States Air Force
1968 to 1999	United States Navy
1999	Property transferred to City of Orlando
2000 to 2003	Redeveloped as Baldwin Park
2003 to current	Baldwin Park mixed use residential neighborhood
Environmental Cleanup Milestones	
December 1994	Basewide Environmental Baseline Survey Report published
July 1997	Site Screening of SA 38
May 15 through 16, 2003	Direct Push Technology (DPT) sampling at 11 locations to select well locations.
September 2003	Seven wells (MW-38C through MW-44C) installed and sampled.
August 2004	Deep well MW-40D was abandoned and replaced with MW-46D. Additional downgradient well MW-45C installed.
April 2005	Wells MW-47C and MW-48C installed and sampled.
March 2004	Quarterly groundwater monitoring program initiated.
January 2006	Site Assessment Report for SA 36NW submitted
May 2007	Work Plan for Contamination Source Investigation at SA 38
June 2007	Advanced soil borings SB01 through SB04 with continuous soil coring and groundwater profile sampling for VOCs Installed 7 wells, OLD-38-49D, -50C, -51D, -52C, -53D, -54C, and 55D (nested pairs 50C/51D, 52C/53D, 54C/55D) Sampled new wells for VOCs and TPH Sampled New Broad Street Pond (SA38-SW-1)
August 2007	Installed wells 56C, 57A, and 58 (3 channel CMT-58A1, C1, C2) Sampled new wells for VOCs and TPH
January 2008	Addendum No.1 to Work Plan
April to June 2008	Advanced borings SB05 through SB16 with soil coring and groundwater profile sampling for VOCs Installed wells 59C, 60C, 61C, 62D Sampled new wells for VOCs and TPH
December 2008	Installed and collected 20 passive soil gas samplers across groundwater plume area; submitted to laboratory for analysis of VOCs and TPH Advanced borings SB17 through SB21; select interval soil coring, groundwater profile sampling for VOCs

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2.0 ENVIRONMENTAL SETTING

2.1 LAND USE

Land use in and around the area of investigation is residential and light commercial within the Baldwin Park development. Lake Baldwin is located approximately 2,500 feet to the northeast, and Lake Susannah is located approximately 1,600 feet east–southeast of former Building 4001. The New Broad Street Pond, a surface water feature constructed during residential site development in 2003, is located immediately south of SA 38 (approximately 80 feet east of monitoring well MW-48C).

2.2 SOIL

The Soil Survey of Orange County, Florida [United States Department of Agriculture (USDA), 1989] shows that SA 38 is located within the Zolfo-Urban Land soil unit. These soils are described as somewhat poorly drained soils that formed in a sandy marine environment. Zolfo soils are typically found on broad, low ridges on the flatwoods with slopes less than 2 percent. The thickness of the soil is 80 inches or more and consists of fine sand, of which 90 percent or more passes the U.S. No. 40 sieve.

2.3 SITE GEOLOGY

The site geology was investigated during drilling for the installation of monitoring wells at neighboring SA 36 (500 feet west-southwest of SA 38), at SA 36NW (800 feet west of SA 38), and during the current investigation of the groundwater plume at SA 38 and points to the east. The boring logs show consistency in the lithology and depths of materials encountered during the subsurface investigation of both areas. The shallow geology consists of undifferentiated Pliocene and Recent age marine terrace deposits that, according to published reports, are underlain by the Hawthorn Group (Adamski and German, 2004). The undifferentiated sediments are about 65 feet in thickness and consist of gray and light to dark brown, predominantly quartz sand, with varying amounts of silt and clay-sized grains and shell fragments. The lithology of these sediments varies somewhat both laterally and vertically. The near-surface deposits consist of light-colored, fine- to medium-grained sand. An interval consisting of dark to very dark brown, interbedded, fine sand, silt, and indurated, cemented sand, locally called a “hardpan,” was encountered between depths of 15 to 27 feet bgs. Beneath the cemented sand interval is a massive bedded unit of lighter brown to grey or olive sand and silty sand underlain by a sandy, silty interval containing shell fragments at about 60 feet bgs.

The Hawthorn Group in the vicinity was typically described as gray-green, calcareous, phosphatic sandy clay, and includes clayey sand, interbedded with thin, discontinuous lenses of phosphatic sand or

carbonates. The deepest borings at SAs 36 and 38 showed a change to a green color at a depth of approximately 60 to 65 feet bgs (beneath the interval of shell fragments described above); this is interpreted to represent the top of the Hawthorn Group. A plastic, green clay interval underlain by carbonaceous mud or soft, light grey limestone was encountered at depths below approximately 66 to 70 feet bgs at SA 36.

2.4 SITE HYDROGEOLOGY

The hydrogeologic setting of the site consists of a shallow, unconfined aquifer underlain by a semi-confined aquifer to depths of about 65 feet bgs. Together, these two aquifer zones comprise the surficial aquifer at the site. The water table lies at a depth of about 4 to 7 feet bgs across the site, with up to 3 feet of seasonal variation observed in some wells. The lower portion of the surficial aquifer, the primary target of this investigation, extends downward to the uppermost Hawthorn clay layer that frequently defines the lower extent of the artificial aquifer.

The hydrogeology of the surficial aquifer at SA 38 has been investigated through the installation of monitoring wells at the site. Figure 2-1 provides a well depth schematic that demonstrates the relationship of the wells and the nomenclature used to distinguish the aquifer depth intervals at SA 36, SA 36NW, and SA 38 (e.g., “A” wells screened across the water table and above the cemented sand interval, “C” and “D” wells screened immediately below the cemented sand and in the lower surficial aquifer/upper Hawthorn Group sediments). The majority of C wells (30 to 45 feet bgs) and D wells (45 to 65 feet bgs) were completed using 5 feet of well screen. Groundwater elevation data from periodic monitoring of water levels during site investigation activities at SA 36NW and SA 38, show a downward gradient across the cemented sand interval (i.e., between the A and C well depths) and relatively horizontal flow in the lower portion of the surficial aquifer below the cemented sand layer. Groundwater elevations below the cemented sand layer, in the C and D wells, are very similar (typically within 0.25 feet) and the flow direction for both sets of wells is consistently eastward. The USGS quadrangle map shows a pool elevation of 96 feet for Lake Susannah which lies approximately 1,600 feet to the east-southeast of SA 38; groundwater elevation data at SA 38 suggest that groundwater discharges to the lake.

2.5 SURFACE WATER

From August 2002 until June 2003, site redevelopment included construction of Pond 14, currently known as the New Broad Street Pond. Construction details for Pond 14 are included in Appendix A of the Work Plan (TtNUS, 2007). The headwall fountain (north end of pond) and pond are now called the New Broad Street Pond. The New Broad Street Pond is located south of SA 38 (approximately 35 feet east of MW-48C)

and is the nearest surface water body. Construction design details for the New Broad Street Pond provided by the site developer show that the bottom of the pond lies at an elevation of 96 feet and that the nominal surface water elevation is 108 feet. The design data indicate that pond construction did not cut through the cemented sand layer that separates the shallow and deep portions of the surficial aquifer. The nominal design surface water elevation is similar to the water table elevation in the vicinity of the pond, but several feet higher than the potentiometric surface of the deeper portion of the surficial aquifer that was the target of the current groundwater plume investigation.

Lakes Susannah and Baldwin are located approximately 1,600 feet and 2,400 feet to the east and northeast, respectively. The surface water elevation of Lake Susannah (96 feet) that is directly downgradient of groundwater flow through SA 38 is several feet lower in elevation than the potentiometric surface of the deeper portion of the surficial aquifer that is the target of the current groundwater plume investigation at SA 38. The difference in elevation, coupled with the eastward groundwater flow direction, suggests that the lake represents a discharge area for the aquifer.

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3.0 INVESTIGATION ACTIVITIES

Several phases of groundwater investigation were conducted for SA 38 (see Table 1-1) that included soil coring, groundwater profile sampling, installation and sampling of monitoring wells, and measuring water levels in wells. The initial phase of investigation began by focusing on the former facilities at SA 38 (Building 4001) as a possible groundwater contamination source area (former release site). Subsequent phases were required to delineate an eastward migrating groundwater plume in the lower portion of the surficial aquifer.

The objectives of the Site Assessment investigation are summarized below:

- Delineate the lateral and vertical extent of groundwater contamination at SA 38 (vicinity of monitoring well MW-48C) where groundwater contamination had been detected in the surficial aquifer below the cemented sand layer at a depth of approximately 35 feet bgs.

- Evaluate and delineate the nature and extent of groundwater contamination, if present, above the cemented sand layer in the shallow portion of the surficial aquifer at SA 38.

- Investigate the nature and extent of soil contamination if observed.

- Evaluate the hydraulic connection, if any, between the surficial aquifer (both above and below the cemented sand layer) and surface water in the New Broad Street Pond.

- Gain additional understanding of the site geology governing vertical and lateral migration of dissolved-phase contamination in site groundwater.

- Assess the potential for NA to remediate contaminants in groundwater.

Table 3-1 provides a cross reference for the soil boring (SB) numbers, the locations where groundwater profiling was conducted, and the completed monitoring well numbers (ordered by installation sequence) that were part of the SA 38 investigation. As shown in the table, nested wells were completed in a single bore hole at three locations and one continuous multi-channel tubing (CMT) well with three screened chambers was installed, but wells were not installed at many of the SB locations. It should be noted that monitoring well numbers MW-38 through MW-48 that are referenced in this report were previously installed as part of the SA 36NW investigation (TtNUS 2006). The location of all soil borings and wells installed during the SA 38 investigation are shown on Figure 3-1.

TABLE 3-1

SOIL BORING, PROFILING, AND MONITORING WELL LOCATION CROSS REFERENCE

Boring Number	Groundwater Profile Sample Depth (feet bgs)	Monitoring Well Number(s)
SB01	18-28, 38-48, 55-63	OLD-38-49D
SB02	8-18, 38-48	OLD-38-50C and OLD-38-51D
SB03	18-28, 38-48	OLD-38-52C and OLD-38-53D
SB04	18-28, 38-48	OLD-38-54C and OLD-38-55D
SB56	not collected	OLD-38-56C
SB57	not collected	OLD-38-57A
SB01/SB58	18-28, 38-48, 55-63 /not collected	OLD-38-58A, -58C1, and 58C2 (CMT)
SB05	41-45, 56-60	No well installed
SB06	41-45, 60-64	No well installed
SB07	41-45, 56-60	No well installed
SB08	21-25, 41-45, 60-64	No well installed
SB09	20-24, 36-40, 56-60	OLD-38-59C
SB10	31-35, 41-45, 56-60	No well installed
SB11	16-20, 31-35, 41-45, 56-60	OLD-38-60C
SB12	31-35, 41-45, 56-60	No well installed
SB13	31-35, 41-45, 56-60	No well installed
SB14	16-20, 31-35, 41-45, 56-60	No well installed
SB15	31-35, 56-60	OLD-38-61C
SB16	31-35, 56-60	OLD-38-62D
SB17	38-42, 78-81	No well installed
SB18	37-41	No well installed
SB19	37-41, 56-60	No well installed
SB20	35-39, 54-58	No well installed
SB21	35-39, 54-58	No well installed
SB22	35-39, 54-58	No well installed

3.1 SOIL BORINGS

Soil borings were installed in multiple phases (see Table 1-1) and three types of drilling equipment were utilized over the course of the investigation. All soil boring locations were cleared for below grade utility lines by the City of Orlando utility service, and by a TtNUS subcontractor using vacuum extraction (day lighting) and remote sensing tools.

June and August 2007

This phase of investigation focused on a relatively small area in the vicinity of former Building 4001 at SA 38. Four borings were advanced using sonic drilling and three using hollow stem auger (HSA) methods. Sonic drilling was used for the borings at SB01, SB02, SB03, and SB04 and HSA was used for borings SB56, SB57, and SB58 (borings for wells OLD-38-56C, OLD-38-57A, and OLD-38-58). Borings SB01 through SB04 were continuously cored using the 4-inch by 6-inch sonic casing to the total depth of the boring and lithologic properties of the core were logged. Boring SB02 was advanced down to the top of the Hawthorn Group to investigate the lithology through the entire vertical interval of the surficial aquifer. Boring logs for borings SB56, SB57, and SB58 were generated based on observations of auger drill cuttings (not continuously cored). A photoionization detector (PID) was used to scan the headspace in bagged soil samples from the cores and drill cuttings for potential VOC contamination to identify shallow soil contamination (excess contaminated soil source areas) and to help focus groundwater profile sampling. No PID readings or visual observations of cores collected during boring advancement indicated the likely presence of source material and no soil samples were collected for laboratory analysis.

April through June 2008

This phase of investigation focused on defining the lateral and vertical extent of groundwater contamination downgradient of SA 38 (to the east). Quarterly sampling conducted by the Navy in the wells installed through August 2007 (SA 36NW and SA 38), indicated that the downgradient extent of the plume had not been delineated. All borings were advanced using direct push methods (DPT). DPT methods were utilized because of the rig's smaller footprint, reduced access and setup issues in the residential neighborhood, reduced working time per hole, and because the surficial aquifer (i.e., cemented sand layer) was found to be penetrable using DPT tools. Borings SB05 through SB16 were continuously or selectively cored using the 1.5-inch inside diameter (ID) by 4- or 5-foot length DPT tools and lithologic properties of the core were logged. A PID was used to scan the soil core samples for worker health and safety; however, headspace screening of bagged soil samples for soil contamination was deemed unnecessary for the purpose of delineating the extent of the deep dissolved groundwater plume away from any potential source areas.

December 2008

This phase of investigation focused on defining the lateral and vertical extent of groundwater contamination along the far eastern limits of the plume, near Lake Susannah. As before, quarterly sampling conducted by the Navy in the wells installed through August 2008 (SA 36NW and SA 38) showed increasing concentrations in the downgradient area of the plume. All borings were advanced using DPT methods. Borings SB17 through SB18 were placed adjacent to existing locations SB16 and SB15, respectively, in order to collect profile samples from additional depths in the aquifer. Soil cores from these locations were selected only to evaluate the presence of the cemented sand layer (10 to 20 feet bgs) and the depth to the clay unit near the top of the Hawthorn group (60 feet or greater bgs). Soil boring SB19 (south) and borings SB-20, -21, and -22 (east) were installed around the perimeter of the existing profile sample and monitoring well locations to define the lateral and vertical extent of the plume. A PID was used to scan the soil core samples for worker health and safety.

3.2 GROUNDWATER PROFILE SAMPLING

Groundwater profile samples were collected at discrete depths using either sonic drilling or DPT sampling tools during each phase of soil boring investigation (see above). These groundwater profile samples were used as a screening tool to investigate the surficial aquifer for the presence of petroleum contamination and to select locations and screen depths for new permanent monitoring wells. The number and depth of profile samples are shown in Table 3-1. At locations sampled using the sonic drilling rig, samples were collected using a decontaminated, 2-inch outside diameter (OD), factory-slotted, stainless-steel well screen that was 10 feet in length. A pneumatic packer was positioned just above the screen to isolate the sample interval from water in the overlying sonic drill casing. At locations sampled using the DPT tools, samples were collected using a decontaminated, small diameter, stainless-steel, slotted, screen point sampler device (4 or 5 feet in length) For both methods, a peristaltic pump and new, dedicated polyethylene tubing were placed through the drill rods into the screen interval for purging and sample collection. Limited purging was conducted for the screening-level profile samples; purging was intended to flush suspended soil particles from the sample tools and to enhance flow. After purging was completed, the pumping rate was decreased to the minimum sustainable flow rate and laboratory-supplied 40-milliliter (mL) vials, containing preservatives as required, were filled for analysis. The preserved vials were transported to the fixed-based laboratory for analysis. Early phases of the investigation utilized 24-hour turnaround times so that in-field decisions could be made to select additional locations or depths to sample. Later phases of the investigation utilized standard laboratory turnaround time for prescribed sample locations and depths.

During the June 2007 investigation phase, shallow profile samples were collected using sonic drilling tools from SB01 through SB04 located in the immediate vicinity of former Building 4001 at SA 38 to investigate the presence of shallow groundwater contamination within the upper 25 feet of the surficial aquifer. Laboratory results showed no exceedances in these samples. For the remainder of the profile sampling, samples were collected using DPT tools and only below the cemented sand (consistent with plume migration at SA 36NW); a few downgradient samples were collected in the upper Hawthorn sediments (56 to 81-foot depth) to evaluate the vertical extent of contamination.

No visual evidence of contamination was found and no elevated PID readings were recorded during the SA 38 investigation. Accordingly, groundwater profile samples were generally collected from the projected depth intervals, as identified in the work plan, that were a) consistent with the elevation of contamination in the SA 36 NW plume, b) within consistent lithology, c) at selectively shallower depths in response to a decrease in topographic elevation as the investigation moved eastward toward Lake Susannah, and d) at deeper depths to ensure that the vertical extent of the plume was determined.

3.3 MONITORING WELL INSTALLATION

A total of 16 monitoring wells were installed at 11 locations during the SA 38 investigation (see Table 3-1 and Figure 3-1). Two A, nine C, and five D wells were installed between June 2007 and August 2008. The locations of permanent monitoring wells were selected based on knowledge of the SA 36NW plume, potential source areas at SA 38, groundwater profile sample results, sampling of the newly installed wells, and an understanding of groundwater flow and plume migration that was developed during the investigation.

June and August 2007

Two shallow wells (57A and 58A) were installed in the immediate area of former Building 4001 at SA 38 to evaluate the presence of a shallow source for groundwater contamination and to evaluate interaction between the surficial aquifer and the New Broad Street Pond. Three pairs of nested wells (50C/51D, 52C/53D, and 54C/55D), one CMT well (58A, 58C1, and 58C2), and one D well (49D) were also installed in the vicinity of SA 38 to evaluate the lateral and vertical extent of the plume. One C well (56C) was placed upgradient and north of SA 38 to confirm the width of the plume.

June 2008

Sample results from the wells installed through August 2007 (see above) and subsequent profile sampling (SB05 throughSB16) performed in April to June 2008, showed vertically diminishing concentrations in the downgradient area of the plume. Based on these data, three of the four remaining wells (59C, 60C, and 61C) were installed in the C zone. One D well (62D) was installed at the far southeast limit of the plume.

Construction details for all wells are provided in Table 3-2 and boring logs and completion logs are provided in Appendix B.

3.3.1 Well Construction

Monitoring wells were constructed of Schedule 40, flush-joint threaded, nominal 1-inch ID chloride (PVC) riser pipe, flush-joint threaded, factory-slotted well screen, and a flush-threaded end cap, with the exception of the CMT well. Because of the potential for fines in the formation to mobilize and produce high turbidity during well purging, 30/65 sieve-size (or equivalent) fine-grained filter packs were used. The filter packs were placed in the annular space using a tremie pipe. All well casings and screens were National Sanitation Foundation approved. All well screens were factory-slotted to 0.006-inch size to retain approximately 90 percent of the filter pack sand. Well screens were placed a minimum of 6 inches, but no more than 3 feet, above the bottom of the drilled boreholes. For the nested wells, the upper screen was placed a minimum of 6 inches above the well seal that was installed above the lower screen. Solvents or glues were not used during construction of monitoring wells.

The filter packs were extended from 0.5 foot below the well screen to a maximum of 2 feet above the top of the well screen. Because the cemented sand layer that lies between approximately 10 to 25 feet bgs acts to retard vertical groundwater flow, the top of the filter packs were not extended upward through that layer. The top of the filter pack was sounded to verify its depth during placement. Each well was gently surged with a surge block for approximately 10 minutes to ensure that no bridging of the filter pack had occurred. Additional sand was placed into the annulus if necessary to return the top of the sand a minimum of 0.5 foot above the top of the screen. The process was repeated as necessary to bring the level to a minimum of 0.5 foot above the top of the screened interval.

The well seal was completed by placing a minimum 2 foot-thick bentonite pellet seal above the filter pack that was allowed to hydrate prior to addition of the annular grout. The remaining annulus above the hydrated bentonite seal was backfilled to the surface, using a tremie pipe, with a 20 to 1 cement/bentonite grout. Because the cemented sand layer that lays approximately 10 to 25 feet bgs acts to retard vertical

groundwater flow, the annular seal (bentonite and/or grout) was extended across that depth interval to prevent vertical flow along the well bore. The depths and thicknesses of the well construction materials were recorded on the well construction logs (Appendix B).

3.3.2 CMT Well Construction

Monitoring well OLD-38-58 was installed as a three channel CMT well. All three channels were ported and covered with stainless steel-screened mesh to allow sampling at varying depths. The well pipe was prepared by experienced drilling subcontractor personnel, per direction from a TtNUS geologist trained by Solinst in CMT well construction, under controlled conditions in an on-site, Navy-owned warehouse. The well tubing was received from the manufacturer in rolls. To prepare the well, the required length of tubing was first rolled out onto polyethylene sheeting and allowed to relax (to lessen the curvature of the tubing). Next the port/screen intervals were marked on the appropriate channel by measuring from the bottom of the casing. Channel 1 is identified by a “v” shaped marking on the outside of the channel that runs the entire length of the tubing. Screen depths follow the numerical sequence of the channels, that is, channel 1 has the shallowest screen interval and channel 3 has the deepest. The well channels were slotted and screened per the manufacturer’s specifications (Appendix C). Each screen interval was constructed of multiple sample ports that extended along a 5-foot section of the well channel for the two deeper intervals and along a 10-foot section for the shallow interval. Great care was used to ensure that neighboring channels were not accidentally cut or breached during preparation. When the well was finished, the screen sections were again measured by TtNUS personnel for correct vertical position. After the final check, the casing was placed in clean polyethylene bagging prior to transport to the well site for installation.

Prior to well installation, the borehole was sounded to check the depth. Bentonite chips and fine sand were added until the required borehole depth was achieved. Obtaining the correct boring depth was important in order to ensure that screen intervals intersected the targeted water bearing zones. Rather than insert a tremie pipe into the annulus, the filter pack sand [30/65 sieve-size (or equivalent)] was placed by pouring from the top of the outer drill casing that was temporarily left in place (to avoid borehole collapse, to prevent vertical migration of groundwater, and to assist in the well installation). This method of filter pack placement was done to avoid possible damage to the well screens with a tremie pipe. Bentonite pellets for the well seal and 20 to 1 cement/bentonite grout for the annular seal were also placed by pouring from above.

3.3.3 Well Development

Preliminary well development was generally conducted for wells completed in the large diameter bore holes (sonic and auger-drilled locations) by gently surging the well with a surge block to facilitate settlement of the filter pack around the well screen during construction. After the upper level of the filter pack was stabilized at the desired elevation, the remaining seal and grout materials were added to the annulus to complete installation. Final well development occurred a minimum of 24 hours after grout installation. Development consisted of over-pumping the well using a peristaltic pump and polyethylene or Teflon® tubing to remove mobile fines from the filter pack and water column in the well and to restore the hydraulic properties of the bore hole wall. Well development procedures followed the methods specified in the Work Plan (TtNUS, 2007).

3.3.4 Well Completion

All monitoring wells were installed as flush-mounted wells with sealing covers. The flush-mount covers were 8-inch round security vaults with sealing gaskets to reduce water and sediment infiltration. Approximately 2 to 4 inches of clearance were left between the lid of the well cover and the top of the well riser. A 2-foot by 2-foot by 6-inch-thick concrete apron (saw-cut or saw-scored and jack-hammered hole in paved areas) was constructed around each flush-mount well. The flush-mounted casings were completed slightly above existing grade and the apron tapered to be flush with existing grade at the edges to promote water runoff.

3.4 MONITORING WELL SAMPLING

Each well to be sampled was purged prior to sampling using low-flow or micro-flow purging techniques to minimize the volume of groundwater to be containerized, managed, and disposed. Purging of the wells commenced following completion of well development. The wells were purged following the procedures specified in the Work Plan (TtNUS, 2007).

Between June 19 and 21, 2007, TtNUS sampled wells MW-44C, MW-48C, OLD-38-49D, OLD-38-50C, OLD-38-51D, OLD-38-52C, OLD-38-53D, OLD-38-54C, and OLD-38-55D for VOCs including MTBE, naphthalene, and TPH. On August 14 and 15, 2007, TtNUS sampled wells MW-47C, OLD-38-56C, OLD-38-57A, and OLD-38-58 (A-1, C-1, and C-2 zones) for VOCs including methyl tert-butyl ether (MTBE), naphthalene, and TPH. During the August 2007 sampling event, two of the newly installed wells (OLD-38-56C and OLD-38-58 C1) and one existing well (OLD-38-47C) were also sampled for NA parameters; nitrate, nitrite, sulfate, and hydrogen. These NA parameters were selected to correlate with the quarterly NA sampling performed at SA 36NW. Sampling was performed following completion of well development and purging and using the same tubing and peristaltic pump that was used to purge the well.

Samples for VOCs were collected using the tube evacuation method (FDEP, 2008). The wells were sampled following procedures specified in the Work Plan (TtNUS, 2007). The groundwater sample log sheets (including purging information) are provided in Appendix D. Environmental samples (and associated QC samples) were shipped via overnight courier or transported by the field team on a daily basis to the subcontracted fixed-base laboratory.

Additional groundwater sampling data used in this report are the results of quarterly sampling being conducted by the Navy's BOA contractor for SA 36NW and SA 38. These data are provided to TtNUS by the contractor and loaded into the analytical database used by TtNUS. This data source is referenced in subsequent sections of this report.

3.5 SURFACE WATER SAMPLING

On June 21, 2007, one surface water sample was collected from the northern portion of the New Broad Street Pond (Figure 3-1). The sample was collected by wading into the shallow water and dipping a clean, laboratory-supplied sample container into the water and filling the preserved laboratory sample bottles. The sample was analyzed at the fixed-base laboratory for VOCs and TPH. Sample collection procedures followed the Project Operations Plan (POP) (ABB-ES, 1997).

3.6 SOIL GAS SAMPLING

Based on USEPA guidance for assessing the vapor intrusion pathway (2002a), a primary screening assessment concluded that a potential vapor intrusion pathway does exist at the site due to:

- VOCs in the groundwater plume (e.g., benzene) are volatile (Henry's Law Constant > 10e-5)
- Residences overlie the plume area and predicted pathway
- The plume lies within 100-foot depth bgs

Therefore, a secondary screening evaluation was performed, collecting site-specific chemical data for comparison to recommended numerical criteria established by USEPA. Soil gas sampling was conducted in December 2008 at locations across the VOC plume at sites SA 36NW and SA38 to investigate the potential for volatilization of the organic contaminants in groundwater to result in an unacceptable risk to human health in occupied residential dwellings overlying the groundwater plume. A total of 20 GORE® passive soil gas samplers were installed across the entire plume area to a depth of 24 inches below grade and retrieved after 12 to 13 days per manufacturer's instructions. The soil removed from the small-diameter borehole used to install the samplers was screened with a PID at the time of sampler installation, a picture was taken of the sample location, and the coordinates of each location were recorded using a global

positioning system. The samplers were then retrieved, site conditions noted, and the samples were shipped to W.L. GORE and Associates, Inc. (GORE) for analysis of VOCs and TPH.

3.7 QUALITY CONTROL SAMPLES

Quality Control (QC) samples were collected at the following frequencies:

- One field duplicate per 10 environmental samples.
- One trip blank per cooler containing samples for VOC analysis.
- One matrix spike/matrix spike duplicate (MS/MSD) per 20 environmental samples. "MS/MSD" was added to the sample number on the labels and the chain of custody form. New sample numbers were not created for these samples.

Only disposable, dedicate sampling equipment was used. Therefore, decontamination of sampling equipment was not performed and additional QC samples (e.g. field blanks) were not required.

3.8 LOCATION AND ELEVATION SURVEYING

All new well locations and the surface water sampling location were surveyed by a Florida-registered professional land surveyor. The survey results are provided in Appendix E. The surveyed reference point for measuring the elevation of the surface water in the New Broad Street Pond was located at the midpoint (highest point) of the pedestrian bridge; the northern edge of the pavement was used as the reference datum.

3.9 WATER LEVEL MEASUREMENTS

Comprehensive, synoptic rounds of water levels were collected by TtNUS from all new wells at SA 38, existing wells at SA 36NW, and the surface water level at the New Broad Street Pond in August 2007 and following the installation of all wells in July 2008. The water level data and surveyed top of casing elevations, along with the calculated groundwater elevations, are provided in Table 3-2. Additional rounds of water level measurements were recorded by the Navy's BOA contractor at the start of each quarterly groundwater sampling event. These data are tabulated and provided in Appendix F.

3.10 INVESTIGATION-DERIVED WASTE MANAGEMENT

IDW consisting of soil cuttings, decontamination fluids from the drilling equipment, well development water, and well purge water were temporarily stored in Department of Transportation (DOT)-approved 55-gallon steel drums. Immediately after filling, each drum was clearly marked with the following information:

- Company name (TtNUS).
- Base contact (Art Sanford) and phone number [(843) 743-2135].
- Identification number (TtNUS-SSSS-XXX), where SSSS is the site identifier (e.g., SA 38) and XXX is the well number (e.g., 49C).
- Material contained in the drum (e.g., soil cuttings or purge water).
- Date the IDW was produced.
- Site identification.

The results of the monitoring well sample analyses were provided to the licensed waste hauler to determine proper disposal of the IDW. Twenty-five drums of IDW were removed from the site and disposed of by U. S. Waste Logistics of Green Cove Springs, Florida on August 28, 2007. Fourteen drums of IDW were removed from the site and disposed of by U. S. Waste Logistics of Green Cove Springs, Florida on June 25, 2008. Miscellaneous sampling material (e.g., gloves, tubing, and plastic) was disposed in an approved dumpster located at Area C.

3.11 DATA MANAGEMENT

A sample data tracking system was implemented prior to the field effort. After successful completion of all requested analyses, the laboratory submitted an electronic deliverable to TtNUS. After all electronic deliverables were received from the laboratory, queries were run to ensure that the laboratory performed all of the requested analyses. All data (including sample-specific data, sample depths, water levels, etc.) were loaded into the TtNUS data management system to preserve the referential integrity of the data.

3.11.1 Environmental Geographical Information System

TtNUS referenced all environmental samples with their respective sample locations. The environmental geographical information system (EGIS) will incorporate lithology data, USGS Digital Raster Graphs, computer-aided design and drafting (CADD) mapping, groundwater monitoring well locations, and available aerial photographs.

3.11.2 Data Validation

The approach to providing reliable data included quality assurance (QA)/QC requirements for each of the contaminant results generated during the field investigation. The QA/QC efforts for laboratory analyses included collection and submittal of QC samples and the assessment and validation of data from the subcontract laboratory.

Data quality indicators include the precision, accuracy, representativeness, comparability, and completeness parameters. These parameters were used within the data validation process to evaluate data quality. The data were validated in accordance with the USEPA CLP Guidelines for Organic Data Review (1999) and the Department of Defense Quality Systems Manual for Environmental Laboratories (2006).

Limited data validation was performed on all laboratory data and evaluated data completeness, holding time compliance, calibration compliance, laboratory blank contamination, and detection limits. This type of validation was performed primarily to eliminate false positive and false negative results.

4.0 INVESTIGATION RESULTS

This section summarizes the results of the site assessment investigation at SA 38. As previously noted, data from the previous investigation at upgradient site SA 36NW and groundwater sampling results from quarterly monitoring well sampling conducted by the Navy's BOA contractor are also presented and utilized in this analysis.

4.1 GEOLOGY

Information on the geology of SA 38 and the area of plume investigation was provided by soil coring performed during the course of the investigation. Boreholes in close proximity to the former SA 38 facilities (along New Broad Street) were continuously cored. Boreholes installed further east of the site, for investigating the downgradient extent of the plume, were cored on a selective basis to identify the presence of the shallow cemented sand layer (semi-confining zone) and the depth of the upper Hawthorn Group clay that indicates a decrease in permeability and that marks the bottom of the surficial aquifer.

Soil borings near SA 38 showed the presence of approximately 10 to 15 feet of dark to very dark brown, fine-to medium-grained sand at depths between 10 to 20 feet bgs. Some zones within this interval were cemented or densely consolidated. Moving eastward, the soil coring, showed the presence of similar material at this depth, but the entire sequence was not sampled at some locations. At the far eastern perimeter of the investigation at SB 20, the cemented sand interval showed a change to a strong yellow-brown, reddish-brown coloration. Overall, the cemented sand layer observed at SA 36NW appeared to be generally continuous across the plume area, with some variation in thickness and textural properties.

The sediments immediately below the cemented sand zone were generally massive-bedded, fine-to medium-grained, loose, saturated, brown to grey sand. Dark grains and shell material were generally not observed. At depths below approximately 50 feet, the material was observed to grade downward into a finer-grained, silty, gray-to greenish-gray sand that contained numerous to abundant dark (phosphate) grains, some broken shell material, apparent bioturbation, and a few thin lenses of sandy clay or clay. This zone represented the transition into the marine Hawthorn Group sediments.

Below about 60 feet bgs, the greenish sediments generally became finer grained and included lens and zones of silt, sandy clay, or clay. A thin (1 to 2 feet), plastic, green clay interval was observed in several borings across the site (SB02, SB09, SB11, and SB17) between depths of 65 to 70 feet, marking the bottom of the surficial aquifer. Borings SB17 and SB20, located to the east along Lake Baldwin Lane, were extended below this clay interval (maximum depth of 81 feet at SB 17). A 1 to 2 feet zone of soft,

muddy, broken limestone and shell fragments was observed at both locations within the clay-rich sediments of the upper Hawthorn Group. Figure 4-1 shows a cross section of the shallow sediments, beginning at SA 36NW and continuing eastward beneath SA 38 and the downgradient extent of the plume, ending at the shoreline of Lake Susannah.

A series of photos showing the vertical sequence of sediments at SA 38 (SB02) is provided in Appendix G. The photographs show the typical sequence of the very dark brown cemented sand layer (8 to 20 feet bgs), the underlying massive brown to grey sand, and the downward transition to the greenish-gray marine silty sand (55 feet bgs), and the dense, plastic clay associated with the upper interval of the Hawthorn Group.

4.2 HYDROGEOLOGY

The geologic information presented above is consistent the previous SA 36NW investigation and demonstrates a continuation of the hydrostratigraphic units across the plume area. The sequence of sedimentary rocks observed in the soil borings and hydraulic information from monitoring wells shows that a water table typically lies within 4 to 8 feet bgs, above the cemented sand layer that lies between 10 to 20 feet bgs. The cemented sand lithology and texture are variable, but this zone appears to be laterally persistent across the area of investigation. Soil cores of the cemented sand interval suggest that this zone is generally less permeable than the overlying and underlying, loose, unconsolidated sand units, thus indicating that the cemented sand acts as a semi-confining unit for deeper groundwater in the surficial aquifer. The surficial aquifer consists of a sandy, shallow water table zone underlain by an interval of more consolidated and partially-cemented sand and a deeper, predominantly massive-bedded, saturated sand that grades into silty sand at about 55 feet bgs. The bottom of the surficial aquifer is recognized as a sequence of silty and clayey sands with some clay and limestone/shell layers of the Hawthorn Group sediments at a depth of 60 to 70 feet bgs. Only the upper 10 to 20 feet of the Hawthorn Group sediments was penetrated during the investigation, but regionally the Hawthorn consists of predominantly lower permeability sediments compared to the overlying surficial aquifer and the underlying Floridan Aquifer. The upper portion of the Hawthorn in the Orlando area is known to contain a relatively thin water bearing zone that is underlain by a thick sequence of fissile, dry to moist, poorly permeable clay sediments (TtNUS, 2009). Recharge to the aquifer is primarily from precipitation that is highest during the late summer. Discharge is likely to be primarily through groundwater seepage into surface water bodies and/or deeper flow into the underlying karst system via sinkholes. Groundwater extraction is not allowed by the Baldwin Park Development covenants and there is no known pumping of the surficial aquifer that is impacting the area of investigation.

4.2.1 Groundwater Flow Direction

The groundwater flow direction for the surficial aquifer was determined by measuring water levels in monitoring wells, plotting the groundwater elevation for each well on a site map, and contouring the elevation data to represent the potentiometric surface across the site. The groundwater flow direction was then determined based on the direction of groundwater flow lines drawn perpendicular to the potentiometric surface contours. The top of each well casing has been surveyed with respect to a national geodetic vertical elevation datum and the groundwater elevation in the wells for each measurement date was determined by subtracting the measured depth-to-water from the top-of-casing elevations for each measurement event (see Table 3-2).

Multiple rounds of water level measurements in SA 36, SA 36NW, and SA 38 monitoring wells were recorded by TtNUS and the Navy's BOA contractor during the course of the SA 36NW and SA 38 investigations. Only measurement events conducted after June 2008 include data for all monitoring wells that have been installed during the SA 38 investigation. Synoptic rounds of water level measurement collected by TtNUS in August 2007 and July 2008, following two phases of investigation during which the monitoring wells were installed, are provided in Table 3-2. Quarterly and semi-annual water level data for SA 36, SA 36NW, and SA 38 wells collected by the Navy's BOA contractor are included in Appendix F.

The groundwater elevation data for July 2008 were used to construct potentiometric surface maps of the surficial aquifer based on data from the C and D zone wells as shown in Figures 4-2 and 4-3, respectively. These two sets of wells represent the hydraulic conditions immediately below the cemented sand layer, at depths of 30 to 45 feet bgs [elevation of 70 to 85 feet above mean sea level (amsl)] and near the bottom of the aquifer at depths of 45 to 60 feet bgs (elevation of 55 to 70 feet amsl). As demonstrated by the potentiometric surface maps, the groundwater flow direction for the surficial aquifer is toward the east in both aquifer zones, and the potentiometric surface elevation is consistent at both depths in the aquifer, suggesting horizontal flow.

Well hydrographs were prepared using the historical water level data collected by the Navy's BOA contractor (see Appendix H). Because of the wide distribution of monitoring wells across the plume area (approximately 2200 feet east to west), three hydrograph plots were prepared, representing monitoring wells in the upgradient, western area of the investigation (SA 36NW), the middle area of investigation (SA 38), and the downgradient, eastern area of the investigation (SA 38 to Lake Susannah), shown in Figures H-1, H-2, and H-3, respectively. All three hydrographs are plotted using the same vertical and horizontal scales. Well 57A that represents the water table in the vicinity of the New Broad Street Pond, was included on Figure H-2 for comparison with the surface water elevation in the pond and the water table and with the deeper aquifer potentiometric surface. All three figures include C wells representing

the piezeometric elevation of the target aquifer zone lying immediately below the cemented sand layer through which the plume has migrated. Well 62D that represents the piezeometric elevation at the bottom of the surficial aquifer, below the target aquifer zone, was included on Figure H-3 for comparison with the C zone groundwater elevations. The hydrograph plots show the consistency in the well responses over time across the entire area of investigation. The data demonstrate that approximately 3 feet of annual variation in the groundwater elevation may occur, and that the groundwater elevation is highest in late summer (June to September) compared to Fall/Winter (December to March). The seasonal variation is consistent with the increased rainfall in the summer associated with frequent thunderstorms. In the west (Figure H-1), well 38C near the former UST location represents a persistent high in the potentiometric surface of the C Zone compared to the area further east, and implies a local, high horizontal gradient. Comparing the well 38C data with the data for well 57A in the middle area of the investigation area (Figure H-2), suggests that well 38C may be located in a area where the water table has good hydraulic connection with the deeper portion of the aquifer (i.e., between the A and C zones, above and below the cemented sand layer). Possible explanations include a) local variation in the properties of the cemented sand layer (thin, absent, or more permeable), b) a breach in the cemented sand associated with UST construction and remediation activities, or c) leakage along the well annulus. Either of the first two explanations is consistent with migration of the plume from the upper to lower portion of the surficial aquifer, which was observed prior to well installation [i.e., DPT screening investigation at SA 36NW (TtNUS, 2006)].

Figure H-4 was prepared showing the relationship of C and D wells across the plume area from west to east. This comparison shows the investigation-wide relationship between the potentiometric surfaces of the two aquifer zones. It should be noted that well 46D is somewhat west (upgradient) of well 41C and the wells are not exactly co-located; therefore the apparent upward gradient is likely an artifact of the well locations. Similarly, well 62D is not specifically paired with well 60C; however, the two wells lie on a line approximately perpendicular to the direction of groundwater flow (see Figures 4-2 and 4-3 along the far eastern end of the plume (well 62D is somewhat upgradient and shows a slightly higher groundwater elevation, as would be expected). However, the data demonstrate the consistent relationship between the two aquifer zones across the area of investigation and suggest a predominantly horizontal flow field within the lower portion of the surficial aquifer.

4.2.2 Groundwater Gradient

The horizontal hydraulic gradient for the surficial aquifer was calculated using the water levels and calculated potentiometric elevation data from December 2007 through June 2009 (see Appendix F). Four pairs of wells that represent upgradient and downgradient locations, per the potentiometric surface maps shown in Figures 4-2 and 4-3, were selected to calculate the horizontal gradient for the C and D aquifer zones across the area of investigation. These data are presented in the top half of Table 4-1. The gradient was calculated by dividing the groundwater elevation change between two wells lying along a groundwater flow line by the horizontal distance between the same two wells. Based on these data, the average horizontal hydraulic gradient for the C aquifer zone ranged from 0.016 in the far west (near the former USTs and well 38C) to 0.004 across the remaining area of investigation towards the east. The average horizontal hydraulic gradient for the D zone was 0.003, similar to the C zone.

Vertical hydraulic gradients between the C and D aquifer zones were also calculated using the December 2007 through June 2009 potentiometric elevation data and are presented in bottom half of Table 4-1. The data for co-located C and D wells was used to calculate the vertical gradient from the middle to the bottom of the surficial aquifer. The vertical gradient was calculated by dividing the groundwater elevation change between two co-located wells by the vertical distance between the mid point elevations of the two well screens. The average vertical gradient of -0.001 (upward) demonstrates the presence of a low vertical gradient within the surficial aquifer and documents horizontal flow conditions.

4.2.3 Groundwater Velocity

The sequence of sediments lying in the surficial aquifer represents a porous, permeable medium for which Darcy's Law is deemed applicable. Using this law, the groundwater flow velocity is directly proportional to the hydraulic gradient and the Kh and is inversely proportional to the effective porosity. Using Darcy's Law, the average linear groundwater velocity may be calculated using the following equation (Freeze and Cherry, 1979):

$$Vs = (Kh \times i)/n_e$$

where:
Vs = average linear groundwater velocity
Kh = bulk horizontal hydraulic conductivity
i = hydraulic gradient
n_e = effective porosity of the aquifer

Aquifer testing to estimate Kh was not performed during the SA 38 investigation. The results of slug tests performed during the SA 36NW investigation (TtNUS, 2006) are applicable based on the lateral consistency in the geology and hydrogeology of the surficial aquifer. Using the geometric mean value for Kh from the slug testing, 8.4 feet per day (ft/day), the range in horizontal gradient (0.004 to 0.016) presented in Section 4.1.1, and assuming an effective porosity of 0.25 for the fine grained sand, the calculated average linear groundwater velocity ranges from 0.134 to 0.54 ft/day, or about 49 to 196 ft/yr in the surficial aquifer.

4.3 NATURE AND EXTENT OF CONTAMINATION

The nature and extent of groundwater contamination was investigated using a combination of groundwater profile sampling (i.e., grab samples) and samples collected from permanently installed monitoring wells. The profile sampling was conducted in phases typically followed by well installation and sampling of the new wells (see Table 1-1). To date, monitoring wells have been sampled multiple times over the course of the SA 36NW and SA 38 site investigations.

Groundwater profile sampling was conducted from June 2007 (immediate vicinity of SA 38) through December 2008 (eastern limit of investigation area near Lake Susannah). During this period of time, all permanent well installations were completed and all new wells were sampled (at least once). Due to the eastward movement of the plume and its position relative to the samples collected between March 2008 and December 2008, the collective groundwater profile and monitoring well data from this period provides delineation of the plume. Figure 4-4 shows the locations of all detections of petroleum-fuel related contaminants during the period of March through December 2008. A line is provided on the figure that shows the limits of all exceedances of the listed VOCs; that is, the limits of petroleum fuel contamination plume. Details of the groundwater profile sampling, the installation and sampling of monitoring wells, plume migration, and plume attenuation are provided in the following sections.

4.3.1 Groundwater Profile Samples

Discrete depth groundwater grab samples were collected at target aquifer depths during the advancement of soil borings during all phases of the investigation. The primary target depth of 35 to 40 feet bgs (C zone) for the petroleum contamination plume was based on previous groundwater sampling (at SA 36NW) and the local hydrogeologic conditions that predicts eastward, horizontal groundwater flow in the surficial aquifer beneath the semi-confining cemented sand layer. The target depths also included deeper samples (D zone) to investigate the vertical extent of the plume. Analytical results for chemicals detected in the groundwater profile samples are provided in Table 4-2; the results for all chemical results are provided in Appendix I. Concentrations that exceed the GCTLs are indicated by shaded cells in the table. Petroleum fuel chemicals detected in the profile groundwater samples that exceeded GCTLs

included benzene, ethylbenzene, total xylene, isopropylbenzene, MTBE, and naphthalene. Toluene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene were detected but did not exceed the GCTLs. Non-petroleum chemicals that exceeded the GCTLs included bromodichloromethane and chlorodibromomethane. Acetone, carbon disulfide, chloroform, n-prophylbenzene, and trichloroethene were detected but did not exceed the GCTLs.

Figures 4-5 and 4-6 show the locations of the C and D zone groundwater profile samples collected between April and December 2008 across the plume area. Each phase of profile sampling was followed by permanent well installation that was intended to confirm and monitor the lateral and vertical extent of the plume. Multiple phases of profiling and well installation were conducted to delineate the lateral extent of the migrating plume. The data shown in Figures 4-5 and 4-6, while not synoptic, demonstrate the full extent of the benzene plume during 2008. It should be noted that the September 2008 results for monitoring wells (see Section 4.3.2) were included on the maps to support full plume delineation using the approximate location of the 1 µg/L isocontour line for benzene.

Gasoline was the known source material released to the aquifer and benzene and MTBE, both components of gasoline, are known to be soluble and mobile in the groundwater environment. The data in Table 4-2 show that benzene was the most frequent and widely detected VOC across all phases of DPT investigation. Therefore, interpretation of the profile sampling results utilized the concentration of benzene as the prime indicator of the extent and the position of the leading edge of the plume. Figure 4-5 shows the concentration of benzene that was detected during the profile sampling in the upper part of the surficial aquifer immediately beneath the cemented sand layer (C zone). Petroleum chemical concentrations were highest in this aquifer zone. It must be noted that because the profile samples are one-time events, these data cannot be used to reliably estimate or monitor the rate of plume migration. However, the data are provided to support the decisions to install permanent wells at selected locations, and as the basis to support delineation of the lateral and vertical extent of the plume, as discussed in the following sections of this report. Additional petroleum contaminants, (ethylbenzne, isopropyl benzene, MTBE, naphthalene, and xylene) also exceeded their GCTLs, but only at locations SB01, SB05, and SB07 in the C zone samples. Do to the limited occurrences of these chemicals; they could not be used to evaluate the extent and position of the plume.

Figure 4-6 shows the concentration of benzene that was detected during profile sampling at a deeper interval in the surficial aquifer (D zone wells), closer to the bottom of the surficial aquifer. With few exceptions, the concentrations of benzene, and other petroleum chemicals, were lower in the D samples compared to co-located C samples, as expected, based on local hydrogeologic conditions that predict predominantly horizontal flow. For example, the C/D benzene concentrations at SB01 (June 2007), SB07 (April 2008), SB05 (April 2008), and SB09 (April 2008) were 407/8.8 µg/L, 77/8.2 µg/L, 1000/0.63 µg/L, and 760/30 µg/L, respectively. Noted exceptions occurred at location SB04 and well 55D (no deep profile

sample was collected at this location) in June 2007 where an increase in concentration was observed at depth (46.6/220 µg/L), and at SB16/17 (4.2/85 µg/L) in December 2008. The data from location SB04/well 55D in 2007 may indicate that the core of the C zone plume had moved downgradient faster than the D zone plume, as indicated by a concentration of 407 µg/L observed in location SB01 to the east. An additional hypothesis is that the C zone supports a higher benzene attenuation rate than the D zone. At SB16/17, downgradient profile locations (e.g., SB20, SB21 to the east) show that the C-zone benzene plume had not passed by; therefore, the lower concentration of benzene in the C zone compared to the D zone is attributed to a higher attenuation rate in the C zone. Another explanation for this far downgradient location is that dispersion resulted in higher concentrations at greater depths at greater distances from the source in the surficial aquifer. Finally, groundwater grab sample results generated by use of Sonic drilling and DPT groundwater sampling tools and techniques may not be completely reliable for direct comparisons; rather, these data are best used for relative comparisons and delineation of the general plume geometry at a given point in time.

As noted above, chloroform, bromodichloromethane, and chlorodibromomethane were found in several profile samples, with the latter two at concentrations above the GCTLs. It was noted that these three trihalomethane chemicals exceeded the GCTLs in profile samples collected using the Sonic drilling tools, during which considerable potable water was used. These chemicals are common water disinfection by-products and are likely associated with potable water used during drilling; they are not considered to be site contaminants. Acetone was detected in groundwater profile samples collected using both Sonic and DPT drilling tools. This compound is a common laboratory contaminant and it is not considered to be a site contaminant.

Based on the 2008 groundwater profile samples and supporting monitoring well samples, Figures 4-5 and 4-6 demonstrate that the benzene plume has a relatively narrow (approximately 300 feet) transverse profile (north by south) while extending laterally west by east for approximately 1,600 feet. The direction of migration is consistent with the eastward direction of groundwater flow towards Lake Susannah.

4.3.2 Monitoring Well Samples

Monitoring wells were installed by TtNUS during the June 2007, August 2007, and June 2008 phases of investigation at SA 38. TtNUS conducted groundwater sampling events following each phase of well installation as follows:

- Seven newly installed wells and 10 existing wells, for a total of 17 wells, and one surface water location were sampled for VOCs in June 2007.
- Five newly installed wells were sampled for VOCs in August 2007.
- Four newly installed wells were sampled for VOCs in June 2008.

In addition to samples collected by TtNUS, quarterly sampling was conducted by the Navy's BOA contractor for the wells that were installed for the SA 36NW and SA 38 investigations. The analytical results for all chemicals detected in the groundwater samples collected by both teams are presented in Table 4-3. The results for all analytes in the samples collected by both teams are presented in Appendix I. Samples collected by TtNUS are identified by a Sample ID number that begins with "NTC". It should be noted that two wells (44C and 48C) were sampled by both teams on June 19, 2007.

The analytical results of the groundwater samples were evaluated by comparing the concentrations of the chemicals detected to GCTLs. Concentrations that exceed the GCTLs are indicated by shaded cells in the tables. Petroleum fuel chemicals detected in the groundwater samples that exceeded GCTLs included benzene, ethylbenzene, xylene, isopropylbenzene, naphthalene, MTBE, 1,2,4-trimethylbenzene, and 1,2-dichloroethane (also a solvent). Non-petroleum chemicals that exceeded the GCTLs included: acrolein (biocide), bromodichloromethane, chlorodibromomethane, and chloromethane (trihalomethanes associated with treated water); trichloroethene and tetrachloroethene (solvents possibly related to SA 36); and methylene chloride (a common laboratory contaminant). The limited distribution and low frequency of detection of these non-petroleum chemicals demonstrate that they are of little concern in the surficial aquifer.

4.3.3 Plume Migration

Plume migration was documented during the SA 38 investigation by tracking the benzene concentration versus time at several monitoring wells located along the centerline of the plume flow path. The plume center line approximates the line of cross-section shown on Figure 4-1. Key well locations are listed in Table 4-4, in addition to the benzene concentration versus time data for these wells.

The data shown in Table 4-4 include results from the SA-36NW investigation and monitoring (September 2003 through June 2007) and from the SA 38 investigation (post-June 2007). As previously discussed, benzene was found to be the most useful indicator of the plume position due to its distribution and frequency of detection across the area of investigation. The table shows the relative, eastward distance for each well from well 38C (located at the former UST site) at SA 36NW. Due to the steep transverse concentration gradient across the plume (i.e., north by south), wells listed in Table 4-4 may lie off the true centerline of the plume (e.g. 43C); therefore, the concentrations over time at each well location are relative indicators of the position of the plume. General trends noted in the benzene data presented in Table 4-4 are as follows:

- The concentration of benzene at well 38C was near the GCTL when the investigation began in September 2003; this reflects a combination of physical and chemical processes such as the 2002 groundwater extraction remediation effort (i.e., source removal) and/or the mobility of some

components of the plume (e.g., benzene) that resulted in their migration away (eastward) from the release site.

- The peak concentration at well 41C occurred on or before September 2003; groundwater in the area returned to GCTL levels for benzene within approximately 2 years following the peak.
- The peak concentration at well 43C occurred around September 2004; groundwater in the area returned to GCTL levels for benzene within approximately 4 years following the peak; although the breakthrough curve is well defined, the lower peak concentration observed at 43C compared to wells 41C (upgradient) and 48C (downgradient) suggests that this well lies significantly off the plume centerline.
- Although well 54C appears to lie along the plume centerline, the well was installed after the core of the plume had passed (moved east of) this area.
- The peak concentration at well 48C occurred around December 2005; the peak concentration observed is an order of magnitude greater than the concentration observed just 3 months prior indicating a relatively steep concentration gradient along the core of the plume; groundwater in the area approached GCTL levels for benzene (3.2 µg/L in June 2009) within approximately three and one-half years following the peak.
- The data suggest that the peak concentration occurred before well 58C-2 was installed.
- The peak concentration at well 59C occurred around December 2008; as of June 2009 the core of the plume appears to lie immediately east of well 59C; the order of magnitude change leading to the peak concentration observed at well 48C either was not observed, or did not occur at this location.
- The leading edge of the plume, i.e., concentration greater than 1 µg/L, appears to lie to the west of well 61C, indicating that the plume has not reached this well location.

Figure 4-7 presents a graphical display of the data presented in Table 4-4 for selected dates, including the times when peak concentrations were observed across the plume area. Dashed lines indicate the absence of data at well 54C in 2005 and 2006, prior to installation of this well. This figure demonstrates movement of the observed peak concentrations eastward over time during the monitoring period. The plot also indicates that the true peak concentration in the core of the plume was not observed in the far eastern portion of the plume.

The data concentration versus time data also allow for calculation of a plume migration velocity based on the time required for peak concentrations to occur between wells lying along the approximate centerline of the plume flow path. The well-defined breakthrough times for the peak benzene concentration at wells 48C and 59C, the location of these wells close to the estimated plume centerline, and the eastward position of these wells with respect to the current plume location indicate that the data from these two wells provides the best estimate for the current plume velocity. These wells are located approximately

650 feet apart, and the time between the observed peak concentrations was approximately 3 years (December 2005 to December 2008). Based on these data, the approximate plume velocity is 220 ft/yr. Compared to the calculated groundwater seepage velocity (see Section 4.2.3), the higher plume velocity suggests that unidentified heterogeneity in the aquifer supports higher flow rates due to zones of higher conductivity (estimated to be approximately 10^{-2} cm/sec).

Additional conclusions about the plume migration based on the data summarized above (bulleted list) are as follows:

- The data show an increasing time interval for the groundwater at a given well location to recover to approximately GCTL concentration (1 µg/L) as the plume has moved from west to east, varying from approximately 2 years (minimum) at well 41C, to 4 years at well 48C. This is consistent with lateral dispersion of the plume, i.e., the core of the plume lengthens and thus requires more time to pass through a given location.
- The peak concentration (compare wells 48C and 59C) appears to be decreasing with eastward plume migration, an observation that is consistent with dispersion and with NA.
- The historical and current length of the benzene plume may be estimated. In September 2003, the entire plume near the release site appears to lie between wells 38C and 43C, a distance of approximately 320 feet. However, this estimate should be considered a minimum since well 43C lies somewhat north of the projected plume centerline and the true downgradient edge of the plume may lie south and east of well 43C. In December 2008, the data shows approximate GCTL concentrations at upgradient will 54C and downgradient well 61C, a distance of 1210 feet. Since the concentrations of benzene at well 61C have not shown an increasing trend to date, this 2008 estimate of plume length should be considered an upper bound. The length of the core of the plume (e.g., benzene concentrations greater than 1000 µg/L) appears to lie between wells 43C and 48C in mid to late 2005, a distance of approximately 445 feet. Because well 43C lies north of the plume centerline, this estimate should be considered a maximum length for the plume core.
- The large decrease in benzene concentration over time observed on the backside (west end) of the plume (see wells 38C, 41C, 48C) indicates that the soil removal and groundwater extraction at the former UST site was largely successful in removing the plume source; as a result, the plume is moving as a detached body resulting from an “instantaneous” release to the C zone of the aquifer.
- Based on the time required for the benzene plume to move through observed well locations (e.g., 2 to 3.5 years), it can be deduced from the well 38C data (source location well) that the release to the deeper portion of the surficial aquiver (C zone) from the overlying UST pit occurred prior to 2001. Also, based on the well 38C data and assuming a minimal plume velocity of 220 ft/yr, it can be deduced that the plume passed through the well 41C location as early as 2002, at least 1 year prior to the installation of the well and the start of data collection. Thus, the peak concentration at well 41C was not observed.

- The observed benzene concentration at well 43C compared to downgradient well 48C suggests that well 43C lies along the fringe of the plume; therefore, it is likely that the peak plume concentration at this distance from the UST pit along the plume centerline may have occurred prior to September 2004 (i.e., concentrations along the centerline peak prior to concentrations along the fringe).

4.3.4 Natural Attenuation

The primary objective for the evaluation of NA at SA 38 is to demonstrate that natural processes will result in contaminant degradation and/or a reduction in contaminant concentrations that will eliminate or reduce risk to acceptable standards at the point of receptor exposure. As discussed in this report and the SA 36NW Site Investigation Report (TtNUS, 2006), soil contamination is not a media of concern – soil was addressed during previous remedial efforts at the release site, i.e., the former Main Base Auto Service Station, Facility 109 (Nodarse, 2003). The pathways of concern are related to groundwater contamination that exists at a depth of 30 to 65 feet bgs in the lower half of the surficial aquifer. These pathways include the potential for upward migration of volatile gases into overlying structures (i.e., vapor intrusion), the use of groundwater for domestic or industrial purposes, and the discharge of groundwater to a receiving surface water body.

While volatilization and potential upward migration of vapor-phase VOCs from a petroleum chemical plume is a concern, site-specific conditions suggest this pathway is unlikely to contribute significant risk at SA 38. The VOC groundwater plume is documented to lie at depths between 30 and 65 feet below grade; it lies below the cemented, brown sand interval that is generally more consolidated and which may have a lower permeability compared to the over- and underlying aquifer sediments; and it lies below the water table (upper surficial aquifer at 8 to 20-foot depth) that is not contaminated with VOCs. Therefore, the plume lies beneath up to 20 feet of clean aquifer matrix and groundwater. These conditions dictate that migration of vapor phase VOCs to the unsaturated zone and subsequent intrusion into overlying structures is unlikely to occur due to confinement of the deep plume. To confirm this hypothesis, a soil gas survey was conducted across the plume area in December 2008. The soil gas data confirmed that this pathway does not present unacceptable risk (see following Section 4.3.6); therefore, the evaluation of NA processes at SA 38 and its potential impact on volatilization and vapor migration are not discussed further.

Regarding groundwater use, the property deeds for Baldwin Park include a restrictive covenant stipulating that groundwater use is not allowed in the development. Furthermore, municipal water is provided throughout the development which essentially ensures that groundwater will not be utilized for domestic or commercial purposes (the area is not zoned for industrial use). Also, municipal-treated reuse water is

provided throughout the development that essentially ensures, due to local statutory requirements, that groundwater will not be utilized for irrigation purposes. These restrictions on the current and future use of groundwater result in an incomplete pathway for on-site groundwater use. As a result, protecting groundwater for the domestic or commercial use pathway is not a goal of the NA evaluation.

The hydrogeologic and chemical data presented in this report document that a plume of petroleum fuel chemicals, primarily benzene, is moving through the deeper portion of the surficial aquifer and that continued plume migration will result in discharge of the plume to Lake Susannah, the nearest downgradient surface water body. Thus, the goal of the NA evaluation is to demonstrate that the plume will not impact the lake. The FDEP criteria require that the concentration of contaminants in the groundwater at the shoreline of the lake do not exceed the FDEP Fresh Surface Water Cleanup Target Levels (FSWCTL) to achieve this goal.

Attenuation Processes

The subsurface attenuation mechanisms that have been evaluated include both destructive and nondestructive process. Biodegradation is generally the most important destructive mechanism for BTEX chemicals (Wiedemeier 1995). Nondestructive mechanisms include hydrodynamic dispersion, sorption, volatilization, and dilution. A summary of the current understanding of these processes at SA 38 is presented in the following paragraphs.

Data Analysis

To date, wells lying in the western (near the UST release location) and middle portion of the plume pathway (i.e., wells 38C through 48C) have been monitored for geochemical parameters of interest during quarterly monitoring conducted by the Navy's BOA contractor. These wells were installed during the early phases of investigation at SA 36NW. Geochemical analyses were conducted for these wells quarterly, beginning with the March 2004 sampling event, whereas VOC analysis was first conducted in September 2003. More recently installed wells near the center of the plume pathway (i.e., wells 54C, 56C, 58C1 and 58C2) were included for geochemical parameter analyses beginning in December 2007 as part of the SA 38 investigation. All geochemical data are presented in Table 4-5, which includes selected laboratory results presented in Table 4-3 and the parameters measured in the field using test kits and portable meters at the time of sample collection. Plots of the geochemical data over time at selected wells are provided in Appendix J. Plots from three wells located outside of the plume area [outside plume (OP) wells], 39C, 42C, and 45C, and for four wells located within the plume pathway [in plume (IP) wells], 38C (at UST pit), 43C, 47C, and 48C, are provided. The concentration of the VOCs that exceeded GCTLs at each well location along with dissolved oxygen, oxidation-reduction potential

(ORP), ferrous iron, sulfate, alkalinity, methane, and hydrogen versus time are shown on the plots. The plots scales are the same for all geochemical parameters for all of the wells; the concentration scale varies for each well according to the range of VOC concentrations observed for each well. All estimated concentrations (i.e., "J" flagged data) were used at the estimated concentrations and all nondetect data (i.e., "U" flagged data) were used at the method detection limit for the purposes of plotting the VOC data. For the OP wells (38C, 43C, and 47C) only the concentrations of benzene, isopropyl benzene, and total xylenes are shown on the VOC plots since these three chemicals were frequently detected across the plume; however, only benzene exceeded GCTLs (maximum concentration of 3.21 µg/L) for one sampling event at wells 42C and 45C, suggesting that these two wells lay along the northern margin of the plume. No other VOCs exceeded GCTLs at the OP wells. For the IP wells (38C, 43C, 47C, and 48C), it should be noted that well 38C is located in the former UST pit area that is known to be the release site of petroleum fuels. As previously discussed, the relatively lower peak benzene concentration at well 43C (compared to well 48C) and at well 47C, suggest that these two wells lay somewhat north of the plume centerline and did not experience high benzene concentrations associated with the core of the plume. It is also notable that monitoring at well 38C did not begin until after the more mobile chemicals (e.g. benzene, MTBE) had migrated away from the release site, which explains the relative absence of these chemicals on the VOC plot. Well 48C, located approximately 800 feet downgradient of the release site, shows the most complete picture of the breakthrough curve for the core of the plume along the centerline of the plume pathway. As a final note, the difficulty of measuring some geochemical parameters under field conditions, e.g., dissolved oxygen and ORP, should be kept in mind when viewing apparently anomalous data that represent large, episodic changes in concentrations on the plots – these data may be erroneous; however, no attempt was made to censor these data for the presentation.

VOC Concentration vs. Time and Distance

The change in VOC concentration over time is often an indicator of mass destruction by microbial processes. However, the data for SA 36NW and SA 38 must be considered in terms of the documented plume velocity of approximately 220 ft/yr. While the data may demonstrate a change in concentration, nondestructive attenuation processes may play a stronger role than is typical for more stationary plumes where microbial destruction is generally dominant. The change in concentration at a given well over time can be used to estimate the point decay rate (k_{point}), that provides an estimate of the time for the aquifer to recover at that location. This decay constant includes all attenuation processes and cannot be used to estimate the biological decay rate, λ, that is often used in transport calculations or modeling to predict when the plume will be reduced to levels below specified criteria, i.e., GCTLs (USEPA, 2002b). Calculation of k_{point} based on linear regression and the slope of the best fit line through the natural log concentration versus time data (since peak concentration) for several wells located near or along the plume centerline is provided on the plots in Appendix J. It is noted that the benzene concentration trend

at each well and the peak benzene concentration over distance are decreasing over time. The good correlation of the linear regressions for these wells suggests that the plume attenuation follows a first order decay rate. The calculations show a relatively narrow range for k_{point} of 1.68/year to 2.34/year for the five wells with a plume average k_{point} of 2.0/year, which translates into a benzene half-life of 0.35 years. Using the equation provided by the USEPA (2002b), the time required to reach the GCTL for benzene at these well locations ranged from 2.8 years (well 38C to the west and well 59C to the east) to a maximum of 4.4 years (well 48C, center of the plume pathway). In addition, the time require to reach the FSWCLT for benzene (71.28 µg/L) was calculated for wells located in the eastern portion of the plume, i.e., 48C, 58C2, and 59C, and ranged between 2.2 and 1 year.

Because the k_{point} analyses support a conclusion that the plume is following a first order decay rate, the peak benzene concentrations (over time) for wells located along the plume centerline were plotted and a best-fit line was used to predict concentrations at points of interest downgradient. As shown on the plot provided in Appendix J, the projected, the future peak concentration at the shoreline of Lake Susannah (66 µg/L) is expected to be similar to the FSWCLT (71.28 µg/L), thereby indicating a low potential for groundwater discharge into the lake to exceed the FSW criteria.

Geochemical Parameter Trends

Observations regarding the concentrations of geochemical parameters in the OP and IP wells in the deeper portion of the surficial aquifer (C zone wells) as they relate to NA processes are summarized as follows:

- Dissolved oxygen (DO) is generally below 1 mg/L for both OP and IP wells, suggesting that aerobic hydrocarbon biodegradation has had minimal impact on the plume and that anaerobic conditions predominate in and out of the plume; thus, facultative or anaerobic bacteria that utilize nitrate, iron, sulfate, or fermentation processes may account for biological mass destruction. Anomalous single point increases in DO are not likely representative of true aquifer conditions.

- ORP typically ranges between +100 to -100 for most OP and IP wells, which is favorable for anaerobic microbes; there is a persistent increase in ORP across both OP and IP wells in late 2006 and early 2007 that does not appear to be plume-related.

- Nitrate has been observed to be low for both OP and IP wells; however, sample holding times were not met for the nitrate samples which casts uncertainty on the usefulness of these data. Low concentrations for both sets of wells suggests that nitrate has not been used as an electron acceptor for VOC destruction.

- No significant change in ferrous iron concentrations was observed between OP and IP wells, suggesting that ferric iron in the aquifer matrix has not been utilized by microbes during VOC destruction.

- Sulfate concentrations are relatively steady for both OP and IP wells over time, suggesting that sulfate is not being strongly utilized by microbes, with some exceptions; a wide fluctuation in sulfate in OP well 39C and the more recent rise in sulfate at OP well 45C do not appear to be plume-related. A decline in sulfate at well 38C during the time of an increase in concentration of less mobile VOCs (e.g., total xylenes, naphthalene), suggests that microbes are utilizing sulfate as an electron acceptor for the destruction of VOCs at the release site, but at a lower rate than contaminant-loading.

- Alkalinity shows similar trends as sulfate; wide fluctuations in alkalinity at OP well 39C do not appear to be plume-related; increases in alkalinity for the IP wells compared to OP wells during passage of the plume that would indicate an increase in microbial activity were not observed.

- Methane concentrations in the OP wells are low; methane concentrations in some IP wells have shown an increase with higher VOC concentrations (e.g., 38C, 43C); because methane is not present in petroleum fuels, the increase in methane suggests that strongly reducing conditions are present and that methanogenesis is resulting in the microbial destruction of VOCs.

- Carbon dioxide (CO_2) in OP wells shows a consistent concentration range between 60 and 150 mg/L; the absence of a trend in CO_2 is consistent with the low methane concentrations in the OP wells (i.e., CO_2 is not being consumed during the production of methane). CO_2 (an electron acceptor) in IP wells shows greater fluctuation and a general downward concentration trend compared to the OP wells that is consistent with methane production (wells 38C, 43C,and 48C) during microbial destruction of VOCs (electron donor) at these wells.

NA Summary

The geochemical parameter trends provide some evidence that anaerobic biological destruction of VOCs is occurring via sulfate reduction and strongly reducing conditions (methanogenesis) along the plume pathway. The removal of the source, declining concentrations for benzene at wells along the plume centerline, declining peak benzene concentrations with distance, and the calculated decay constants for wells located along the plume centerline, demonstrate that attenuation is occurring, that the plume is shrinking on the backside (west end), and that GCTLs and FSWCTLs will be achieved within

approximately 4 years or less at a given location. Coupled with the relative absence of GCTL exceedances for other VOCs in the downgradient plume area, the data suggest that attenuation mechanisms (destructive and nondestructive) are capable of protecting Lake Susannah. The data suggest that nondestructive mechanisms (e.g., dilution, dispersion) may play a strong role in facilitating downgradient concentration decreases in VOCs. However, because of the plumes documented mobility, additional monitoring locations and analyses are deemed necessary to verify the ability of NA to protect Lake Susannah in the future.

4.3.5 Surface Water Samples

No VOCs were detected in the surface water sample collected from the northern end of New Broad Street Pond (Figure 3-1 and Table 4-3). TPH was detected at a concentration of 354 μg/L, an order of magnitude below the GCTL and FSWCTL of 5,000 μg/L. The sample results indicate that the quality of surface water in the pond has not been degraded by petroleum fuels contamination present in the surficial aquifer.

The elevation of the water in the pond compared to the groundwater elevations in the two shallow wells nearby (see Table 3-2, wells 57A and 58A1) show that the pond water level (SW-1) is higher than the water table in the area. The pond and water table elevation are both higher than the potentiometric elevation observed in C zone wells in the immediate vicinity of the pond (e.g. 48C, 58C-1, 58C-2), indicating that the pond is potentially recharging the deeper portion of the surficial aquifer. Therefore, the relative absence of VOC contaminants in surface water samples and the local hydrologic conditions demonstrate that surface water quality should have no deleterious impacts on the underlying aquifer zones.

4.3.6 Soil Gas Samples

Figure 4-8 shows the location of the soil gas samplers; the location of the monitoring wells and the general outline of the VOC plume in 2007-2008. No PID detections or unusual conditions were noted during any of the sampler installations. The samplers were collected and returned to GORE for analyses of VOCs and TPH. The analyses result in a determination of the mass of each chemical captured by each sampler. A table of the mass results is included in the GORE report provided in Appendix K. As shown in that table, only benzene (maximum 0.02 µg) and TPH (maximum of 0.53 µg) were found on the samplers. Site maps showing the distribution of mass for benzene and TPH (colored contours) are also provided in the GORE report. Based on the chemical specific characteristics, exposure time, and typical soil properties, GORE provided estimated soil gas concentrations for benzene and TPH in each of the samplers; these

data are included in a second table in the GORE report. These estimated soil gas concentrations were compared to USEPA (2002a) guidance for assessing the vapor intrusion pathway.

The estimated soil gas concentrations were used to conduct a secondary screening assessment that consisted of comparing the site soil gas concentrations to the USEPA (2002a) generic target media-specific concentrations. The estimated concentrations in the soil gas were compared to the listed concentration for benzene in "Target Shallow Soil Gas Concentration Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor = 0.1" for various risk levels (Tables 2a,b,c; USEPA 2002a). Based on this assessment, the estimated benzene soil gas concentrations observed at two locations (sampler No.'s 19 and 24) were below the USEPA's generic 10e-06 risk level concentration (i.e., the most conservative criteria) for indoor air. TPH was detected at seven locations; however, there is no USEPA criterion for TPH. Using the benzene criteria as a point of reference shows that TPH soil gas concentrations exceeded the 10e-06 risk level concentrations for benzene at three sampler locations (No.'s 24, 33, and 34), but none exceeded the benzene 10e-05 risk level concentration. USEPA generally recommends use of the 10e-05 risk level concentrations for the secondary screening assessment. Based on these results, it is concluded that there is no significant risk via the vapor intrusion pathway associated with the groundwater plume.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

Soil coring and PID field screening of soil samples and laboratory analyses of groundwater samples from shallow water table wells at SA 38 have provided evidence that a petroleum-fuel contamination source area is not present in the vicinity of former Building 4001. Water level measurements in wells and in the New Broad Street Pond show that the local water table and potentiometric head in the deeper portion of the surficial aquifer are generally lower than the pond water elevation. This data indicates that the pond is unlikely to be impacted by the plume that lies in the deeper portion of the surficial aquifer beneath the pond. A water sample from the pond shows that the water in the pond has not been impacted by VOCs and therefore, the pond is unlikely to be a source of groundwater contamination.

The nature and extent of VOCs in groundwater at SA 38 have been defined using a combination of 22 DPT groundwater profile sampling locations (2007 and 2008) and the installation of 16 monitoring wells. The investigation of groundwater impacts at SA 38 in combination with the investigation of SA 36NW (TtNUS, 2006) utilized a total of 33 DPT groundwater profile sample locations and 27 monitoring well installations to document the nature and extent of the plume. Monitoring well sampling by TtNUS and quarterly sampling by the Navy's BOA contractor have provided an extensive data set to evaluate groundwater impacts and to predict future trends.

The investigation at SA 38 has demonstrated that VOCs in groundwater that were first observed at monitoring well 48C in 2005 are part of a plume that extends approximately 1000 feet to the east of SA 38 as of June 2009. Quarterly monitoring data showing the change in VOC concentrations in wells located across the SA 36NW and SA 38 areas of investigation indicates that the plume originated at the former USTs located at the Main Base Auto Service Center (former Facility 109), the known location of a former petroleum fuel release. Over time, the plume has consisted primarily of petroleum fuel related chemicals that have exceeded GCTLs: benzene, ethylbenzene, xylene, isopropylbenzene, naphthalene, MTBE, 1,2,4-trimethylbenzene, and 1,2-dichloroethane (also a solvent). Non-petroleum chemicals that have exceeded the GCTLs have included: acrolein (biocide); bromodichloromethane, chlorodibromomethane, and chloromethane (trihalomethanes generally associated with treated water); trichloroethene and tetrachloroethene (solvents possibly related to SA 36); and methylene chloride (a common laboratory contaminant). The limited distribution and low frequency of detection of the non-petroleum chemicals demonstrate that they are of little concern in the surficial aquifer and represent little threat to surface water. Of all VOCs detected above the GCTLs, only benzene has shown a consistent pattern of detection that has allowed for tracking and delineation of the plume. Because of groundwater use restrictions and the availability of municipal drinking water and irrigation water, the domestic and industrial use groundwater pathways are not of concern for SA 38. And as of

June 2009, benzene and naphthalene are the only VOCs related to petroleum fuels that exceed the FSWCTL in the eastern portion of the plume that is approaching Lake Susannah. Table 5-1 provides a comparison of the historical and the last four quarters (September 2008 through June 2009) of sampling results to the GCTLs and FSWCTLs for all chemicals detected in groundwater. Data from the last four, September 2008 through June 2009, are presented on the site map shown in Figure 5-1.

The data show that the leading edge of the plume currently lies within about 400 feet of Lake Susannah. Benzene concentration versus time data at several monitoring well locations indicate that the plume velocity is approximately 220 ft/yr. Based on the peak concentration at well 59C (December 2008) and the estimate plume velocity, the core of the plume (i.e., peak concentration) is predicted to reach Lake Susannah in 2013. The decline in benzene concentration over time at several well locations along the centerline of the plume shows that a first order degradation rate is occurring for benzene. Geochemical data also indicate that anaerobic processes are likely contributing to the decay of VOCs along the plume pathway. The decay rates indicate that NA processes are likely to result in benzene concentrations at the shoreline of Lake Susannah that do not exceed the FSWCTL. The recent maximum concentration of naphthalene (125 µg/L) occurred in December 2008 at well 55D, located approximately 1600 feet upgradient of the lake. The peak naphthalene concentration over time and distance from the source area has shown a decreasing trend and wells closer to the lake have not shown detections for naphthalene. Neither benzene nor naphthalene is expected to exceed the FSWCTLs at the lake shoreline.

5.2 RECOMMENDATIONS

The following recommendations are based on current and previous investigations at SA 38:

- Continue to monitor the groundwater at SA 36NW and SA 38 to evaluate potential changes in the concentrations of contaminants. Due to plume migration and plume shrinking, optimization of the location and frequency of well sampling should be performed.

- Install additional monitoring wells screened in the C and D zones northeast, east, and southeast of the existing wells at SA 38 to define the vertical and horizontal limits of contamination.

- Propose a remedial action based on monitored natural attenuation of the plume to FDEP.

- Consider SA 36NW as a single comprehensive site for future evaluations and reporting, inclusive of the SA 38 area of assessment.

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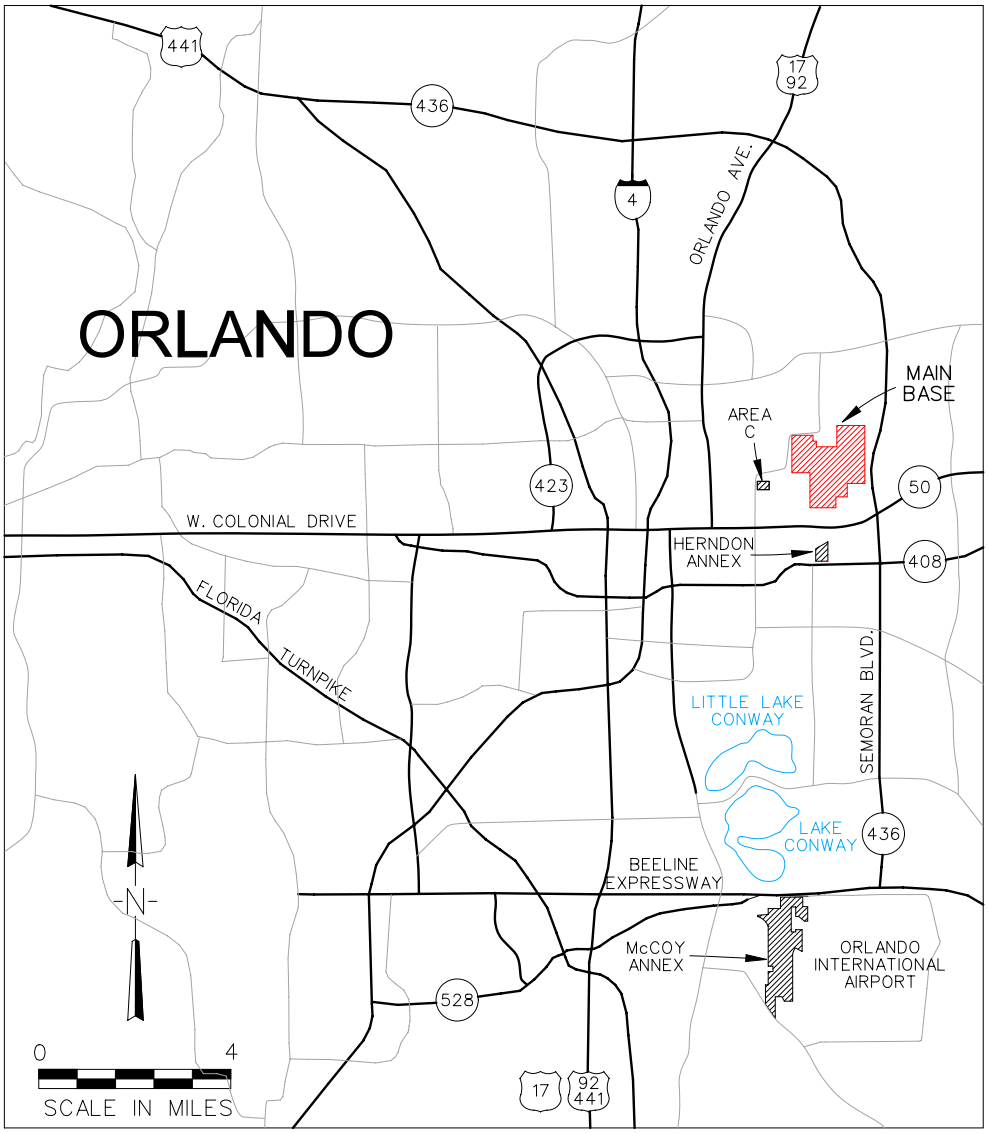
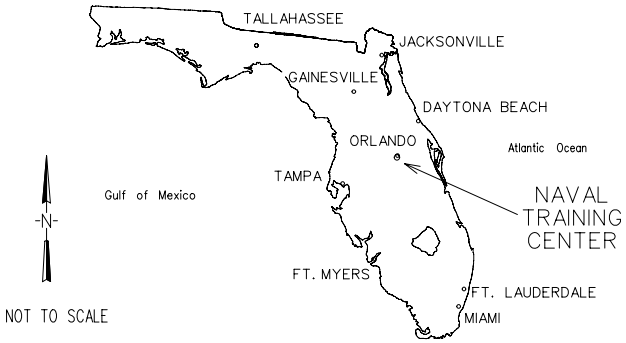
FIGURES

CAD FILE NO./DATE: K:DGN\NAVY\ORLANDO\SITES\sa38\sa38_Site Vicinity Map





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CHECKED BY TKG	DATE 12/07/09		OWNER NO. ----------
REVISED BY ---	DATE ---------		APPROVED BY --- / DATE ---------
SCALE AS NOTED		NAVAL TRAINING CENTER ORLANDO, FLORIDA	DRAWING NO. FIGURE 1-1 / REV. 0

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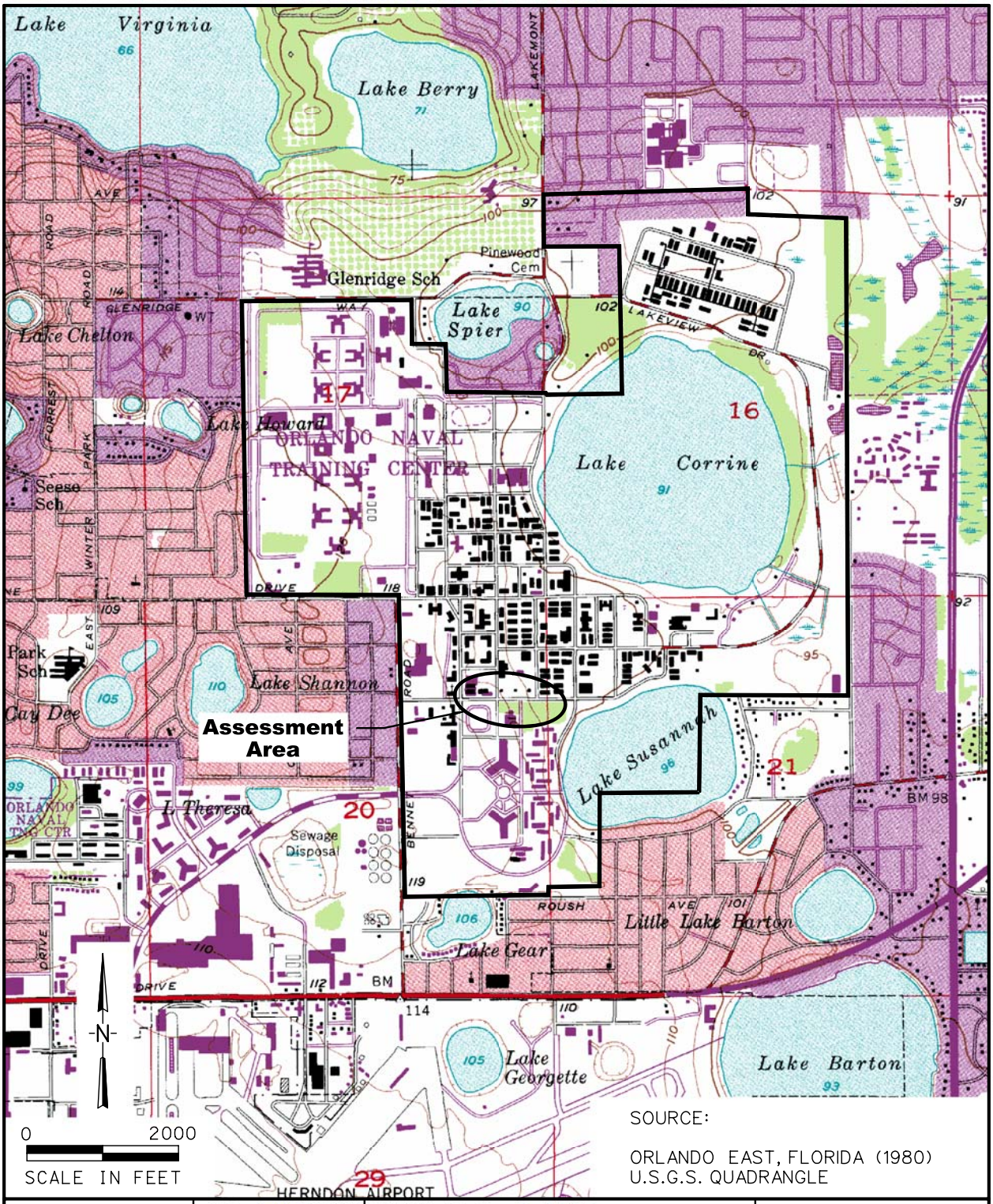

SOURCE:

ORLANDO EAST, FLORIDA (1980)
U.S.G.S. QUADRANGLE

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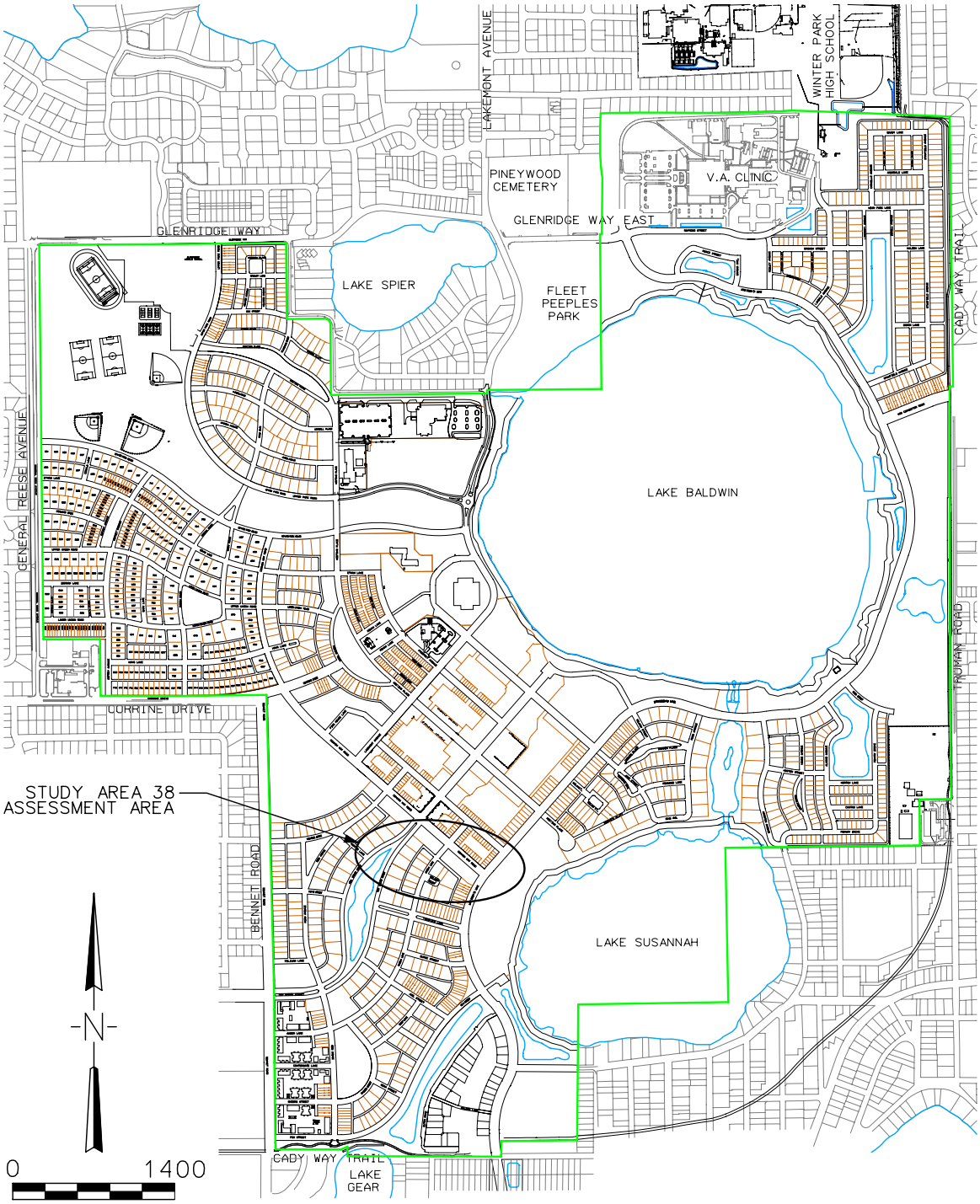

BALDWIN PARK (former Main Base)

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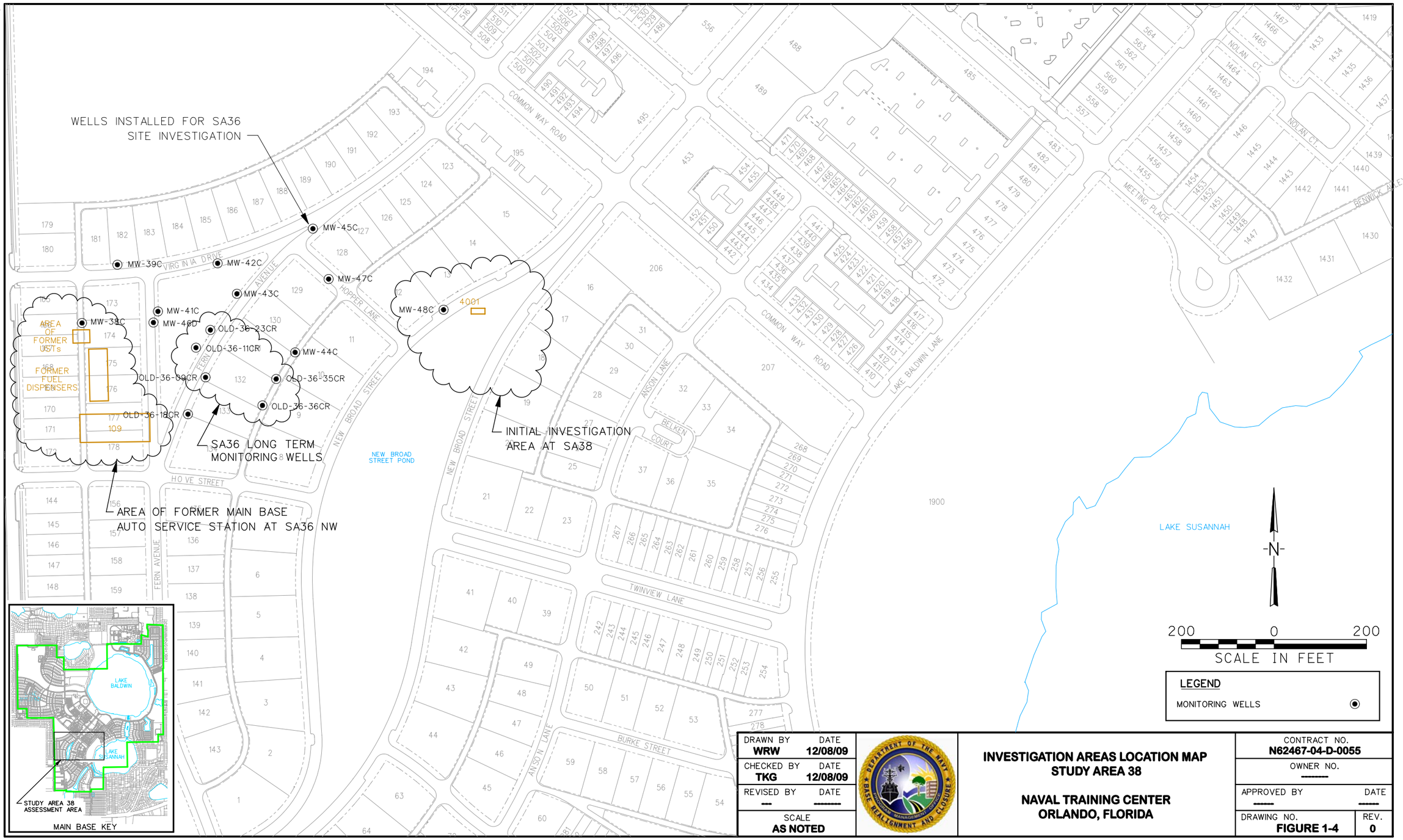

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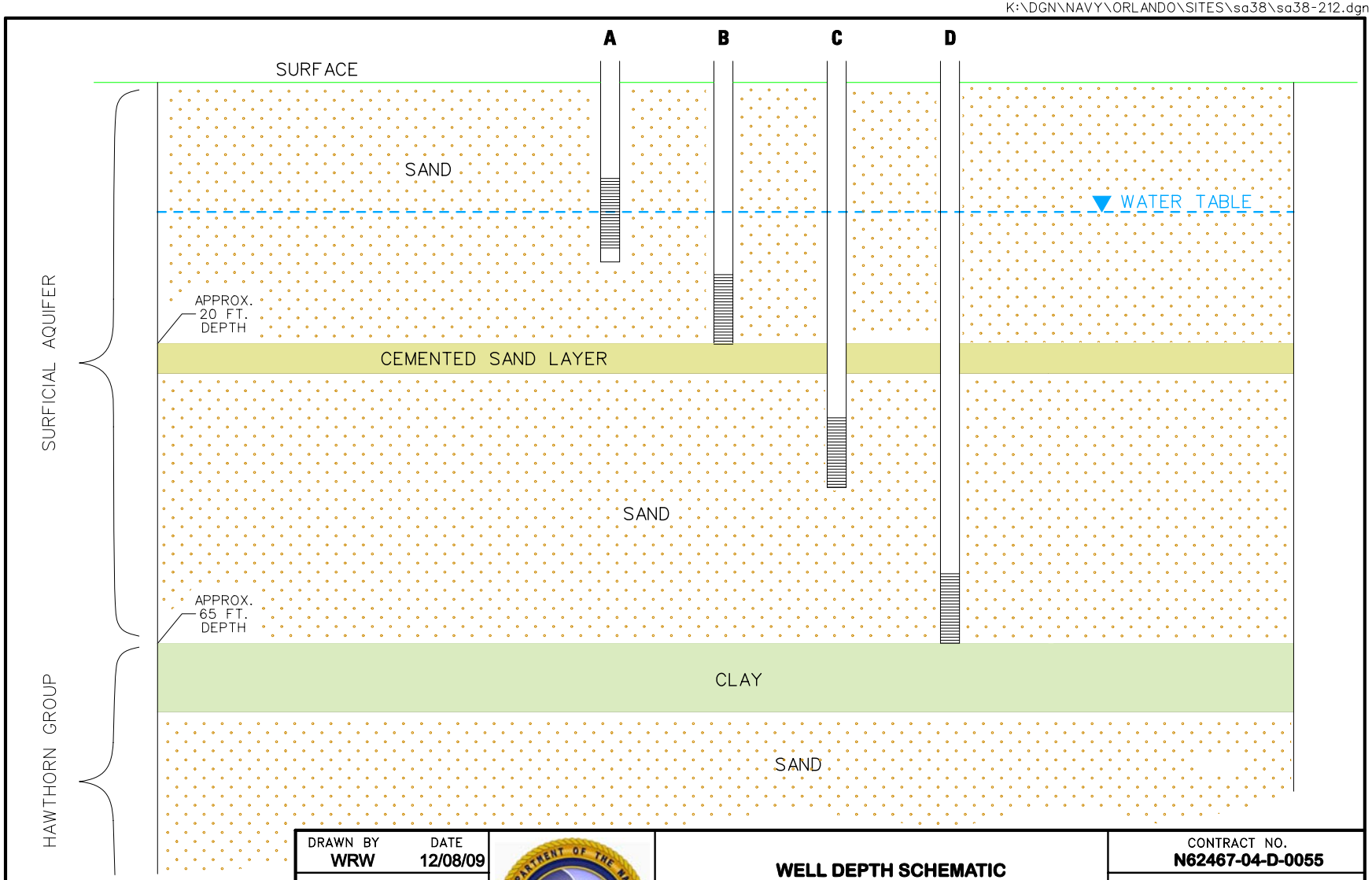

NOTE:
"C" AND "D" WELLS MAY OR MAY NOT BE DOUBLE CASED DEPENDING ON LOCATION.

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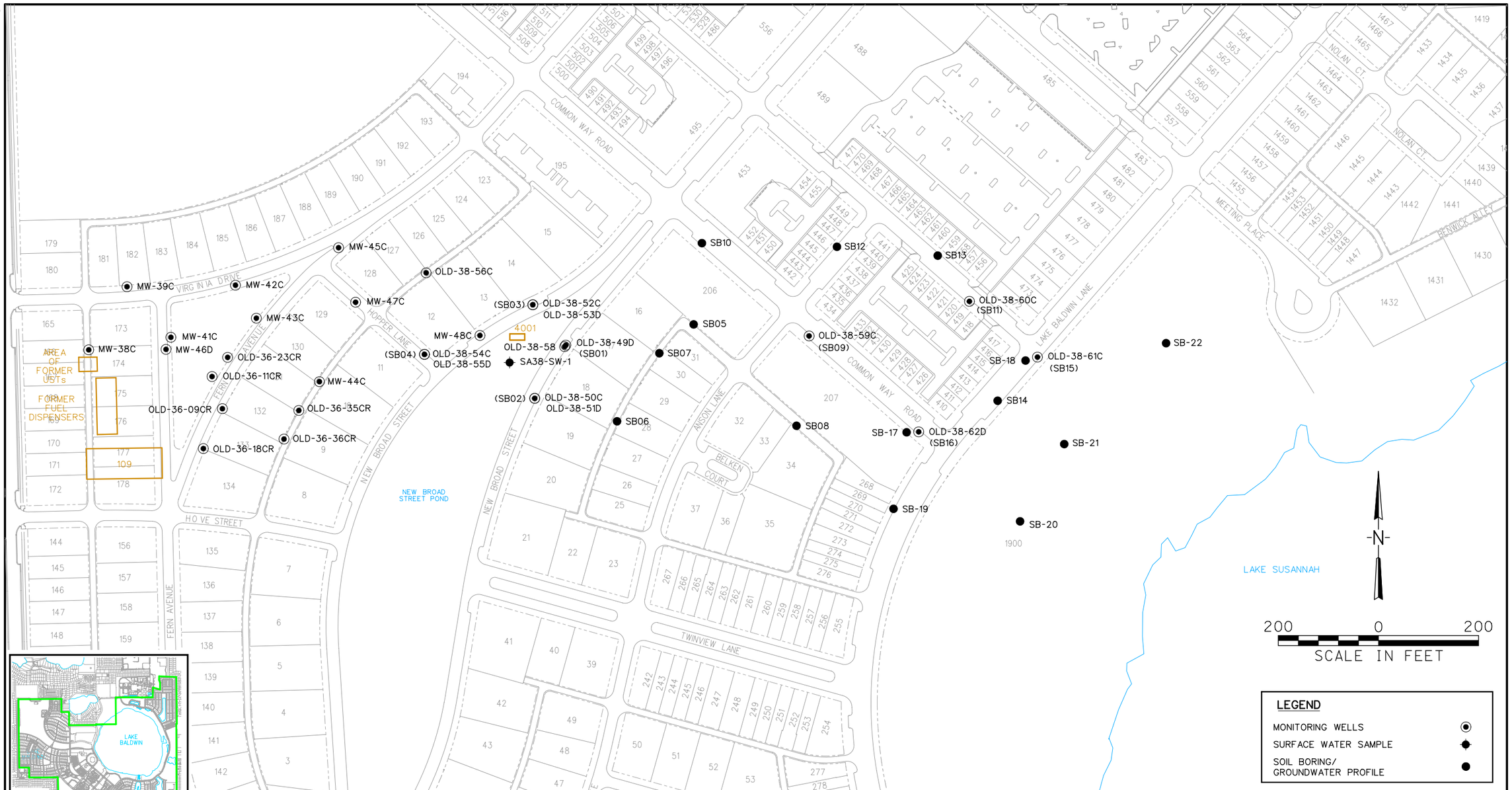

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SCALE	
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SITE MAP WITH SAMPLE LOCATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

CONTRACT NO.	
N62467-04-D-0055	
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FIGURE 3-1	0

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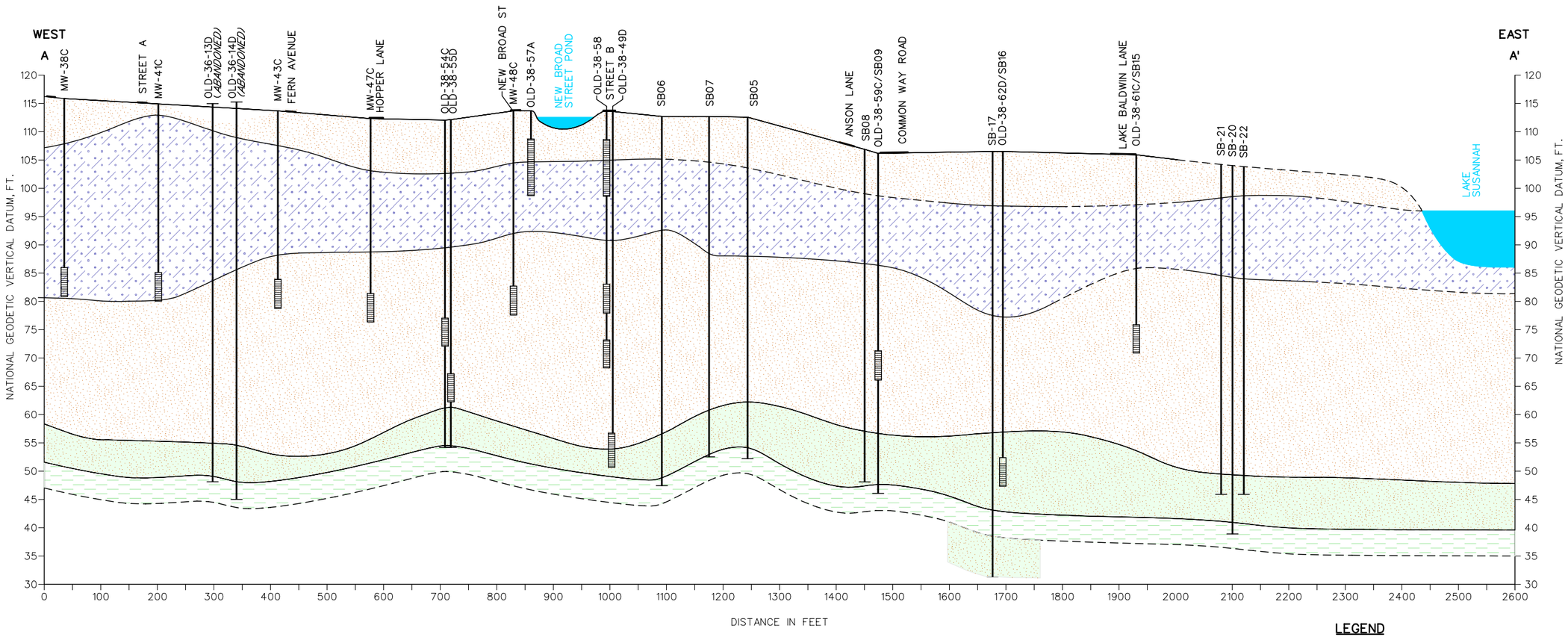
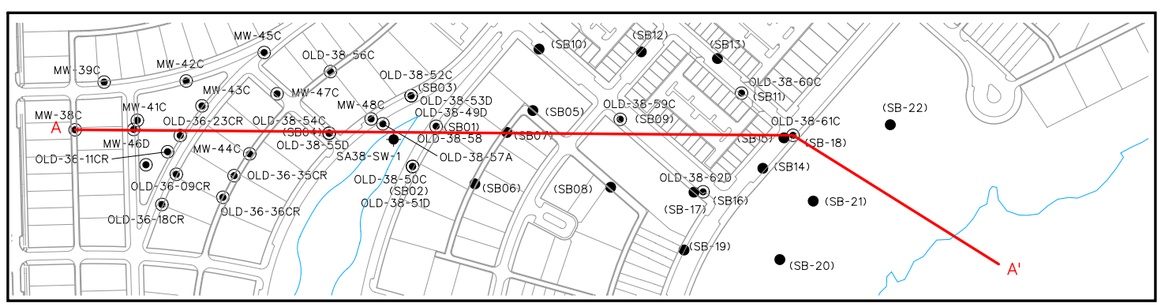
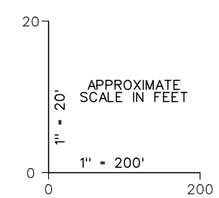




KEY MAP



LEGEND

- SAND, FINE TO MEDIUM GRAINED, MODERATELY SORTED, GREY TO TAN, LOOSE
- SAND, SILTY-SAND, DARK BROWN TO REDDISH BROWN, MODERATELY DENSE TO CONSOLIDATED, WITH CEMENTED ZONES
- GREEN SAND WITH CLAY STRINGERS AND PHOSPHATE GRAINS (TOP OF HAWTHORN FORMATION)
- CLAY, SANDY CLAY, LIME-MUD (HAWTHORN FORMATION)

DRAWN BY WRW	DATE 12/08/09	GEOLOGIC CROSS-SECTION A-A' STUDY AREA 38/36 NW	CONTRACT NO. N62467-04-D-0055
CHECKED BY TKG	DATE 12/08/09		OWNER NO. -------
REVISED BY ---	DATE -------	NAVAL TRAINING CENTER ORLANDO, FLORIDA	APPROVED BY --- / DATE -------
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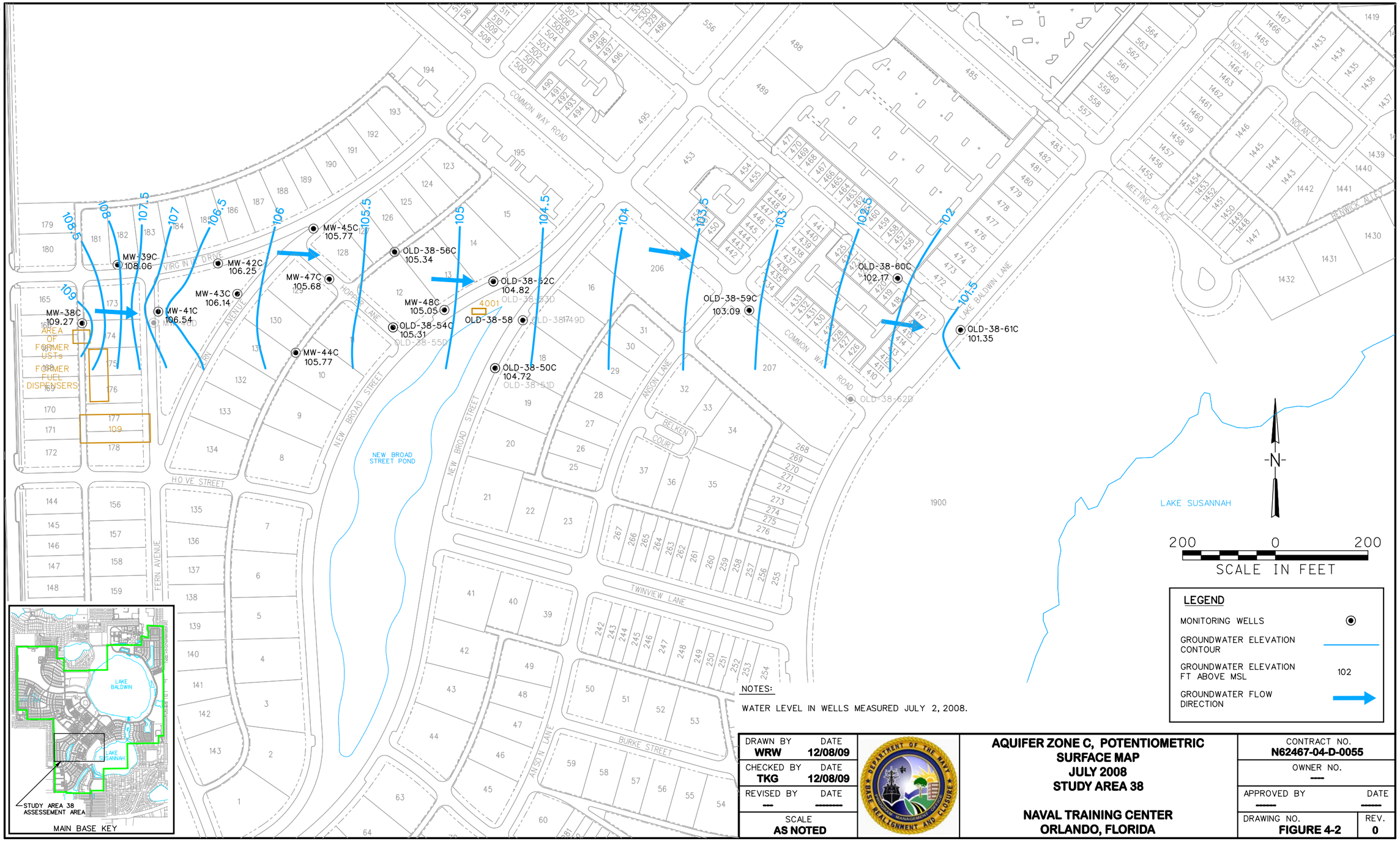

NOTES:

WATER LEVEL IN WELLS MEASURED JULY 2, 2008.

LEGEND

MONITORING WELLS	⊙
GROUNDWATER ELEVATION CONTOUR	
GROUNDWATER ELEVATION FT ABOVE MSL	102
GROUNDWATER FLOW DIRECTION	→

DRAWN BY WRW	DATE 12/08/09	**AQUIFER ZONE C, POTENTIOMETRIC SURFACE MAP JULY 2008 STUDY AREA 38**	CONTRACT NO. N62467-04-D-0055
CHECKED BY TKG	DATE 12/08/09		OWNER NO. ---
REVISED BY ---	DATE ------		APPROVED BY ------ / DATE ------
SCALE AS NOTED		**NAVAL TRAINING CENTER ORLANDO, FLORIDA**	DRAWING NO. FIGURE 4-2 / REV. 0

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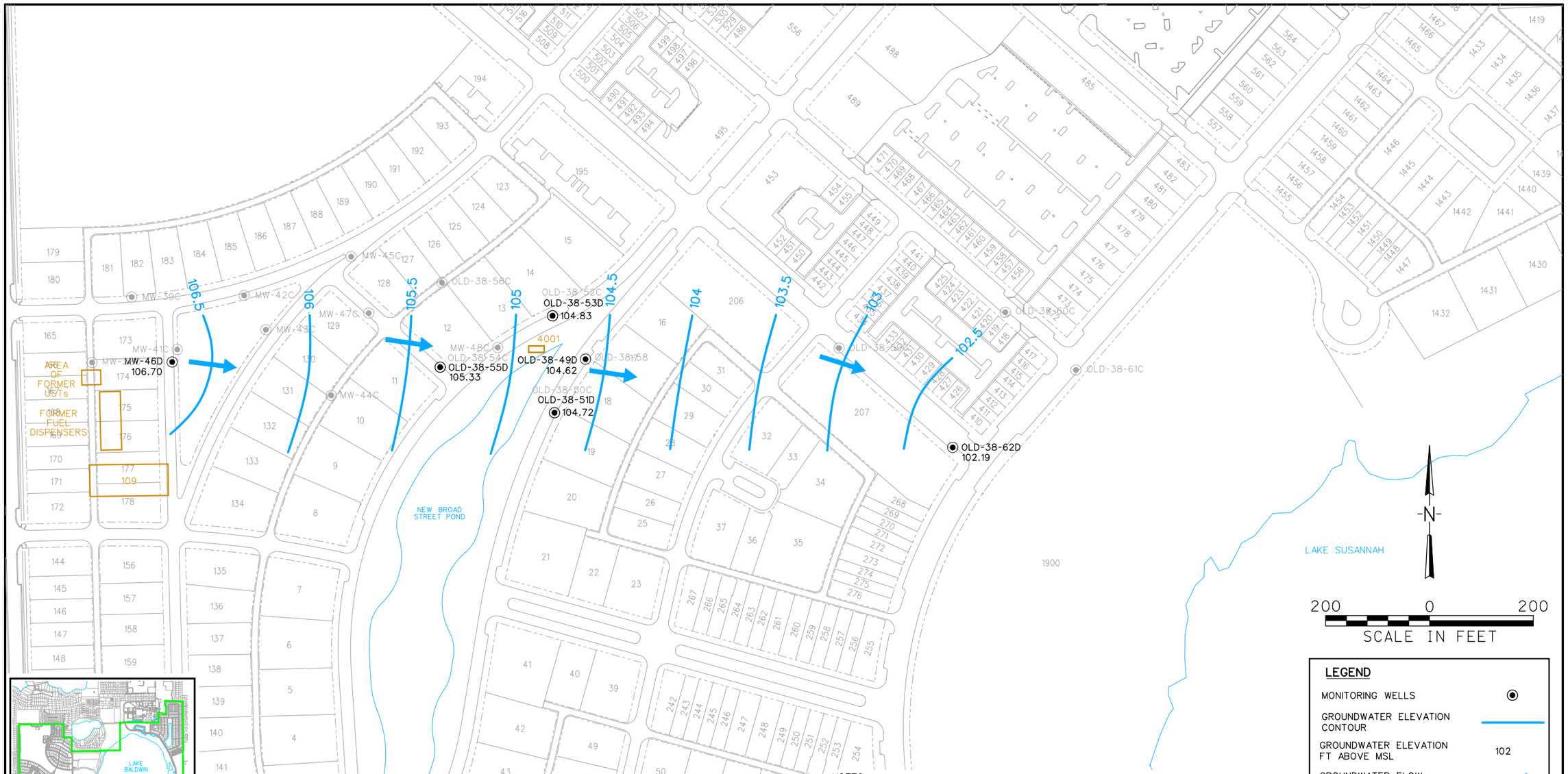

NOTES:

WATER LEVEL IN WELLS MEASURED JULY 2, 2008

DRAWN BY WRW	DATE 12/08/2009	AQUIFER ZONE D, POTENTIOMETRIC SURFACE MAP JULY 2008 STUDY AREA 38	CONTRACT NO. N62467-04-D-0055
CHECKED BY TKG	DATE 12/08/2009		OWNER NO. ---
REVISED BY ---	DATE ------		APPROVED BY ------ / DATE ------
SCALE AS NOTED		NAVAL TRAINING CENTER ORLANDO, FLORIDA	DRAWING NO. FIGURE 4-3 / REV. 0

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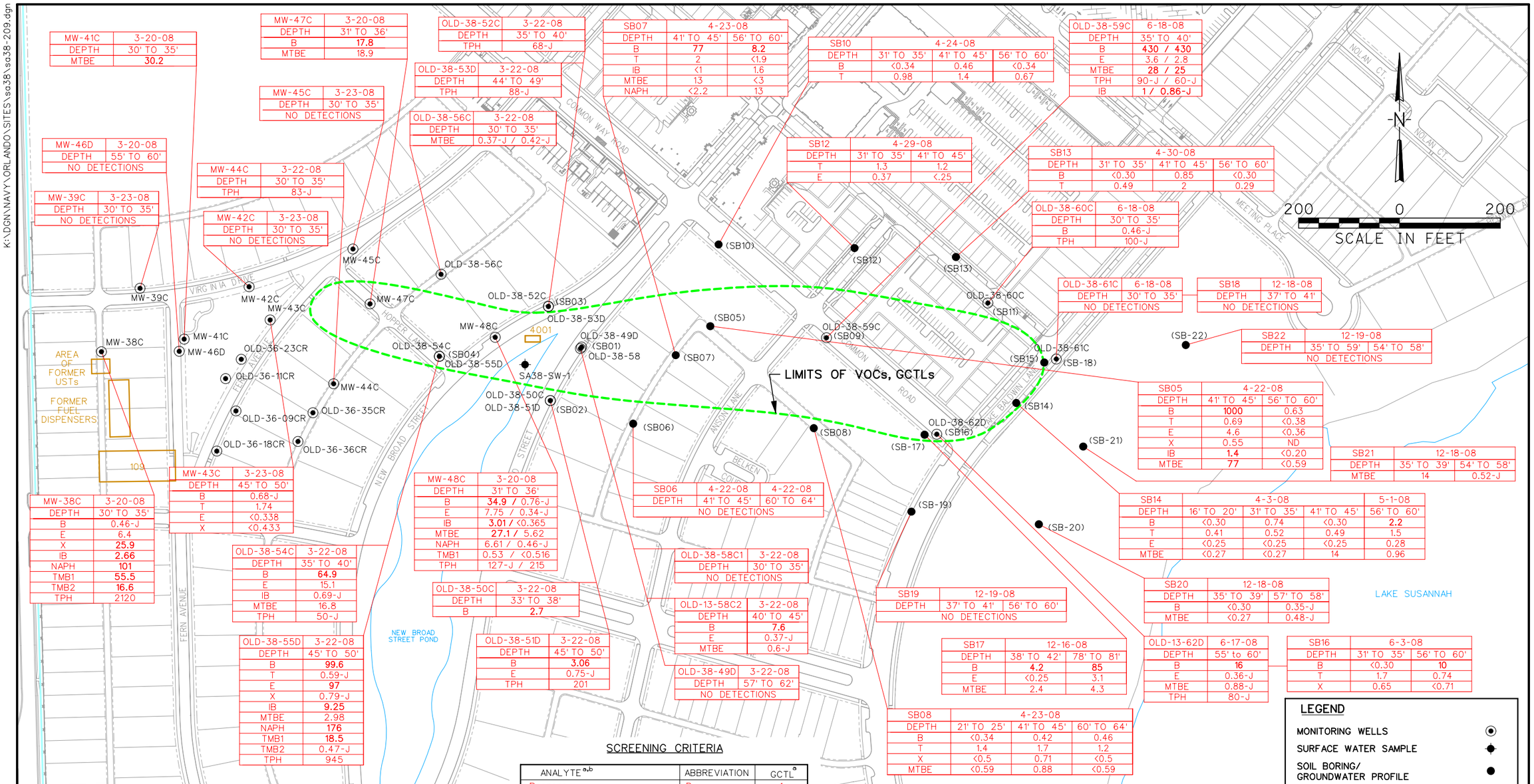

MW-41C	3-20-08
DEPTH	30' TO 35'
MTBE	30.2

MW-47C	3-20-08
DEPTH	31' TO 36'
B	17.8
MTBE	18.9

OLD-38-52C	3-22-08
DEPTH	35' TO 40'
TPH	68-J

OLD-38-53D	3-22-08
DEPTH	44' TO 49'
TPH	88-J

MW-45C	3-23-08
DEPTH	30' TO 35'
NO DETECTIONS	

OLD-38-56C	3-22-08
DEPTH	30' TO 35'
MTBE	0.37-J / 0.42-J

MW-46D	3-20-08
DEPTH	55' TO 60'
NO DETECTIONS	

MW-44C	3-22-08
DEPTH	30' TO 35'
TPH	83-J

MW-39C	3-23-08
DEPTH	30' TO 35'
NO DETECTIONS	

MW-42C	3-23-08
DEPTH	30' TO 35'
NO DETECTIONS	

SB07	4-23-08	
DEPTH	41' TO 45'	56' TO 60'
B	77	8.2
T	2	<1.9
IB	<1	1.6
MTBE	13	<3
NAPH	<2.2	13

SB10	4-24-08		
DEPTH	31' TO 35'	41' TO 45'	56' TO 60'
B	<0.34	0.46	<0.34
T	0.98	1.4	0.67

OLD-38-59C	6-18-08
DEPTH	35' TO 40'
B	430 / 430
E	3.6 / 2.8
MTBE	28 / 25
TPH	90-J / 60-J
IB	1 / 0.86-J

SB12	4-29-08	
DEPTH	31' TO 35'	41' TO 45'
T	1.3	1.2
E	0.37	<.25

SB13	4-30-08		
DEPTH	31' TO 35'	41' TO 45'	56' TO 60'
B	<0.30	0.85	<0.30
T	0.49	2	0.29

OLD-38-60C	6-18-08
DEPTH	30' TO 35'
B	0.46-J
TPH	100-J

OLD-38-61C	6-18-08
DEPTH	30' TO 35'
NO DETECTIONS	

SB18	12-18-08
DEPTH	37' TO 41'
NO DETECTIONS	

SB22	12-19-08	
DEPTH	35' TO 59'	54' TO 58'
NO DETECTIONS		

SB05	4-22-08	
DEPTH	41' TO 45'	56' TO 60'
B	1000	0.63
T	0.69	<0.38
E	4.6	<0.36
X	0.55	ND
IB	1.4	<0.20
MTBE	77	<0.59

SB21	12-18-08	
DEPTH	35' TO 39'	54' TO 58'
MTBE	14	0.52-J

MW-43C	3-23-08
DEPTH	45' TO 50'
B	0.68-J
T	1.74
E	<0.338
X	<0.433

MW-38C	3-20-08
DEPTH	30' TO 35'
B	0.46-J
E	6.4
X	25.9
IB	2.66
NAPH	101
TMB1	55.5
TMB2	16.6
TPH	2120

MW-48C	3-20-08
DEPTH	31' TO 36'
B	34.9 / 0.76-J
E	7.75 / 0.34-J
IB	3.01 / <0.365
MTBE	27.1 / 5.62
NAPH	6.61 / 0.46-J
TMB1	0.53 / <0.516
TPH	127-J / 215

SB06	4-22-08	4-22-08
DEPTH	41' TO 45'	60' TO 64'
NO DETECTIONS		

SB14	4-3-08			5-1-08
DEPTH	16' TO 20'	31' TO 35'	41' TO 45'	56' TO 60'
B	<0.30	0.74	<0.30	2.2
T	0.41	0.52	0.49	1.5
E	<0.25	<0.25	<0.25	0.28
MTBE	<0.27	<0.27	14	0.96

OLD-38-54C	3-22-08
DEPTH	35' TO 40'
B	64.9
E	15.1
IB	0.69-J
MTBE	16.8
TPH	50-J

OLD-38-58C1	3-22-08
DEPTH	30' TO 35'
NO DETECTIONS	

OLD-38-50C	3-22-08
DEPTH	33' TO 38'
B	2.7

OLD-13-58C2	3-22-08
DEPTH	40' TO 45'
B	7.6
E	0.37-J
MTBE	0.6-J

SB19	12-19-08	
DEPTH	37' TO 41'	56' TO 60'
NO DETECTIONS		

SB20	12-18-08	
DEPTH	35' TO 39'	57' TO 58'
B	<0.30	0.35-J
MTBE	<0.27	0.48-J

OLD-38-55D	3-22-08
DEPTH	45' TO 50'
B	99.6
T	0.59-J
E	97
X	0.79-J
IB	9.25
MTBE	2.98
NAPH	176
TMB1	18.5
TMB2	0.47-J
TPH	945

OLD-38-51D	3-22-08
DEPTH	45' TO 50'
B	3.06
E	0.75-J
TPH	201

OLD-38-49D	3-22-08
DEPTH	57' TO 62'
NO DETECTIONS	

SB17	12-16-08	
DEPTH	38' TO 42'	78' TO 81'
B	4.2	85
E	<0.25	3.1
MTBE	2.4	4.3

OLD-13-62D	6-17-08
DEPTH	55' to 60'
B	16
E	0.36-J
MTBE	0.88-J
TPH	80-J

SB16	6-3-08	
DEPTH	31' TO 35'	56' TO 60'
B	<0.30	10
T	1.7	0.74
X	0.65	<0.71

SB08	4-23-08		
DEPTH	21' TO 25'	41' TO 45'	60' TO 64'
B	<0.34	0.42	0.46
T	1.4	1.7	1.2
X	<0.5	0.71	<0.5
MTBE	<0.59	0.88	<0.59

LEGEND

- MONITORING WELLS
- SURFACE WATER SAMPLE
- SOIL BORING/ GROUNDWATER PROFILE

SCREENING CRITERIA

ANALYTE[a,b]	ABBREVIATION	GCTL[a]
Benzene	B	1
Toluene	T	40
Ethylbenzene	E	30
Xylenes	X	20
Methyl Tert-butyl Ether[(1)]	MTBE	20
Naphthalene[(1)]	Naph	14
1,2,4-Trimethylbenzene	TMB1	10
1,3,5-Trimethylbenzene	TMB2	10
Isopropyl Benzene	IB	0.8

GCTL=GROUNDWATER CLEANUP TARGET LEVEL
(1)=GCTL revised February 2005

SCREEN INTERVAL TO NEAREST FOOT — SAMPLE COLLECTION DATE
ANALYTE — ANALYTE CONCENTRATION — DUPLICATE SAMPLE

DRAWN BY	DATE
WRW	5/24/2010
CHECKED BY	DATE
TKG	5/24/2010
REVISED BY	DATE
---	--------
SCALE	
AS NOTED	

PETROLEUM CHEMICAL DETECTIONS IN GROUNDWATER MARCH - DECEMBER 2008 STUDY AREA 38

NAVAL TRAINING CENTER ORLANDO, FLORIDA

CONTRACT NO. N62467-04-D-0055
OWNER NO. ----
APPROVED BY ------ DATE ------
DRAWING NO. FIGURE 4-4
REV. 0

FORM CADD NO. SDIV-BH.DGN - REV 2 - 10/23/03

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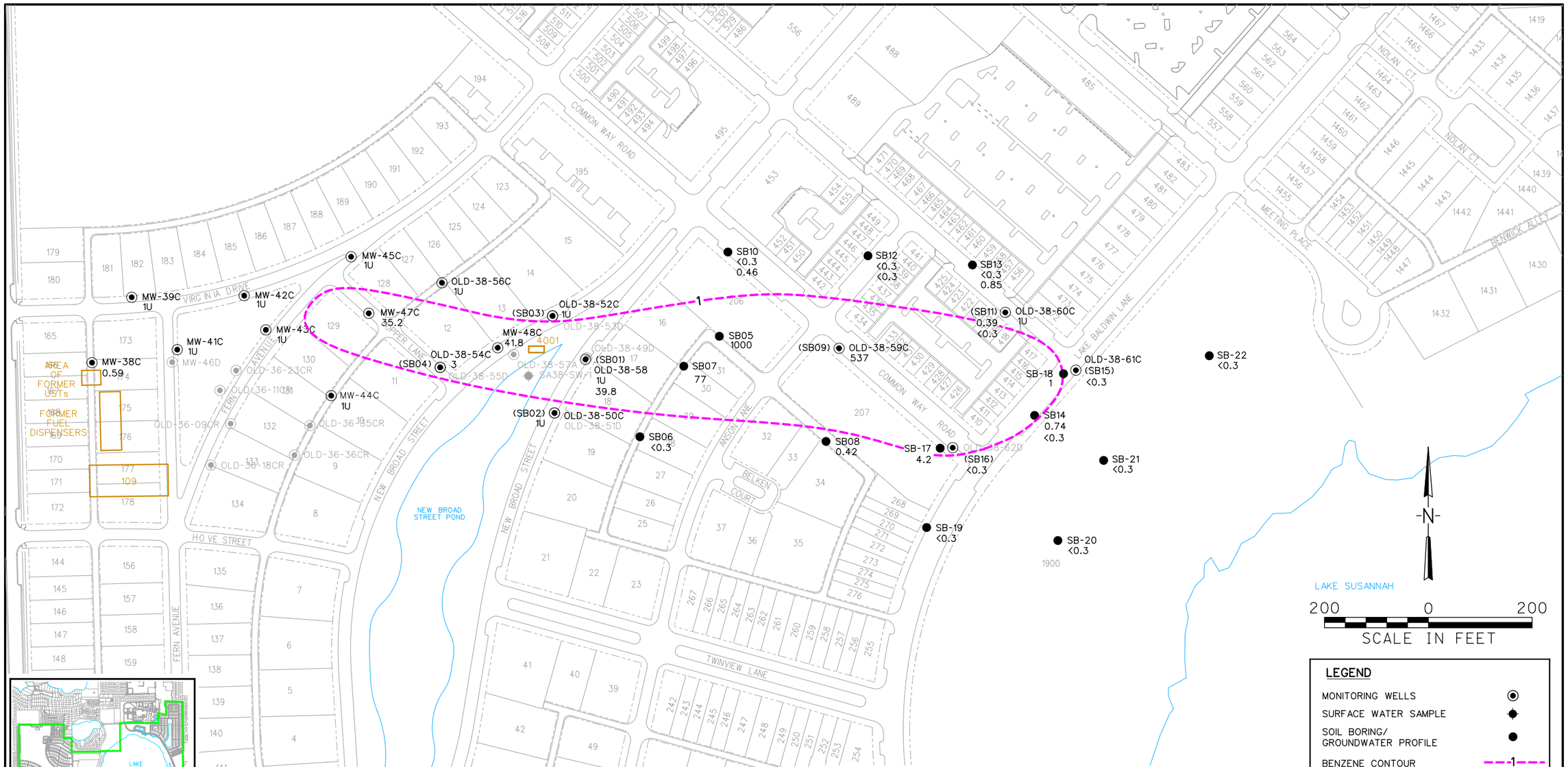

LEGEND

MONITORING WELLS	⊙
SURFACE WATER SAMPLE	◆
SOIL BORING/ GROUNDWATER PROFILE	●
BENZENE CONTOUR	--1--
BENZENE CONCENTRATION, ug/L IN GROUNDWATER	0.74

NOTES:

GROUNDWATER PROFILE SAMPLES COLLECTED APRIL - DECEMBER 2008.
MONITORING WELLS SAMPLED SEPTEMBER 2008.

DRAWN BY WRW	DATE 12/08/09	**AQUIFER ZONE C, BENZENE PLUME APRIL - DECEMBER 2008 STUDY AREA 38**	CONTRACT NO. N62467-04-D-0055
CHECKED BY TKG	DATE 12/08/09		OWNER NO. ----
REVISED BY ---	DATE -------	**NAVAL TRAINING CENTER ORLANDO, FLORIDA**	APPROVED BY ------ / DATE ------
SCALE AS NOTED			DRAWING NO. FIGURE 4-5 / REV. 0

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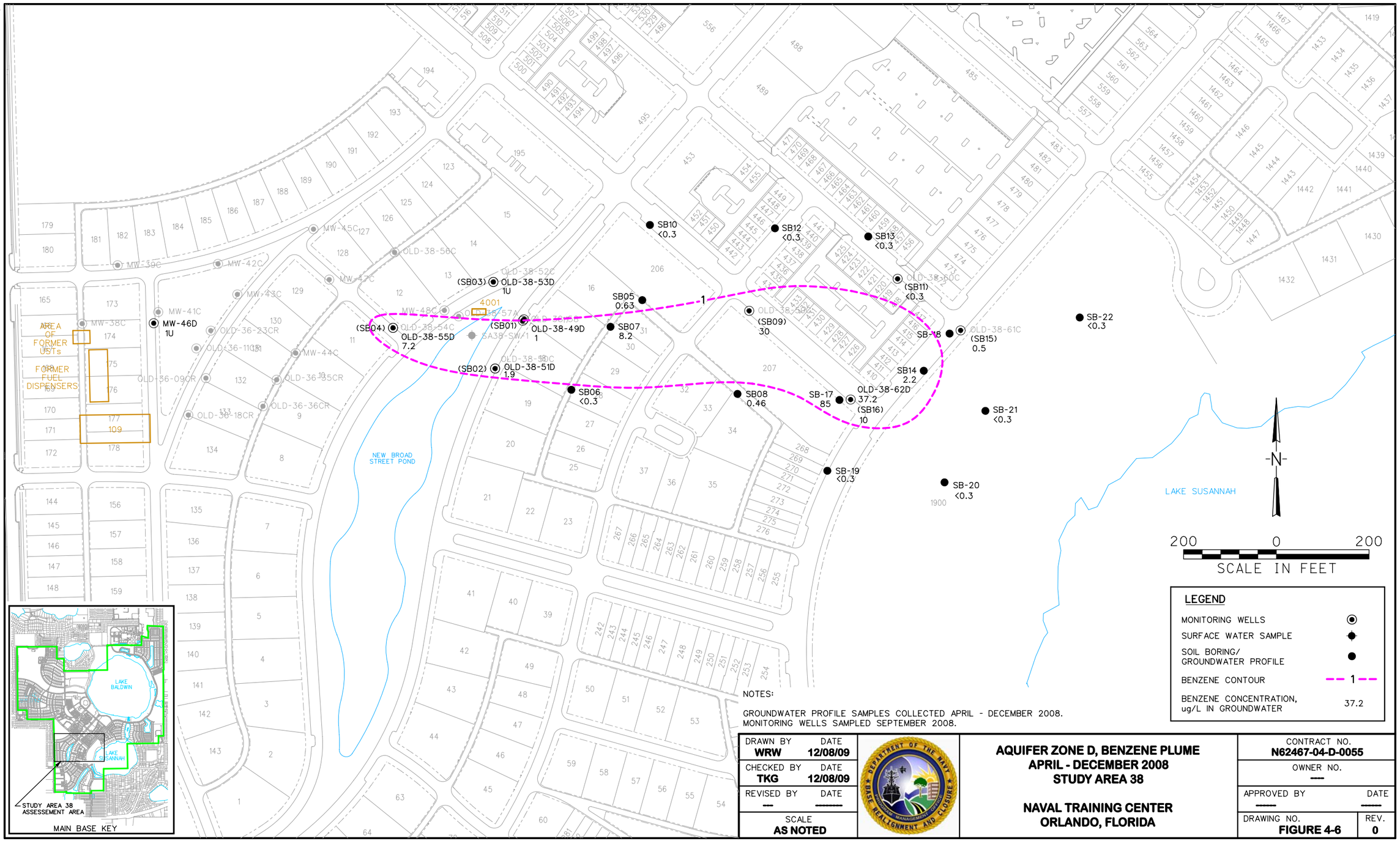


NOTES:

GROUNDWATER PROFILE SAMPLES COLLECTED APRIL - DECEMBER 2008.
MONITORING WELLS SAMPLED SEPTEMBER 2008.

DRAWN BY WRW	DATE 12/08/09
CHECKED BY TKG	DATE 12/08/09
REVISED BY ---	DATE ------
SCALE AS NOTED	

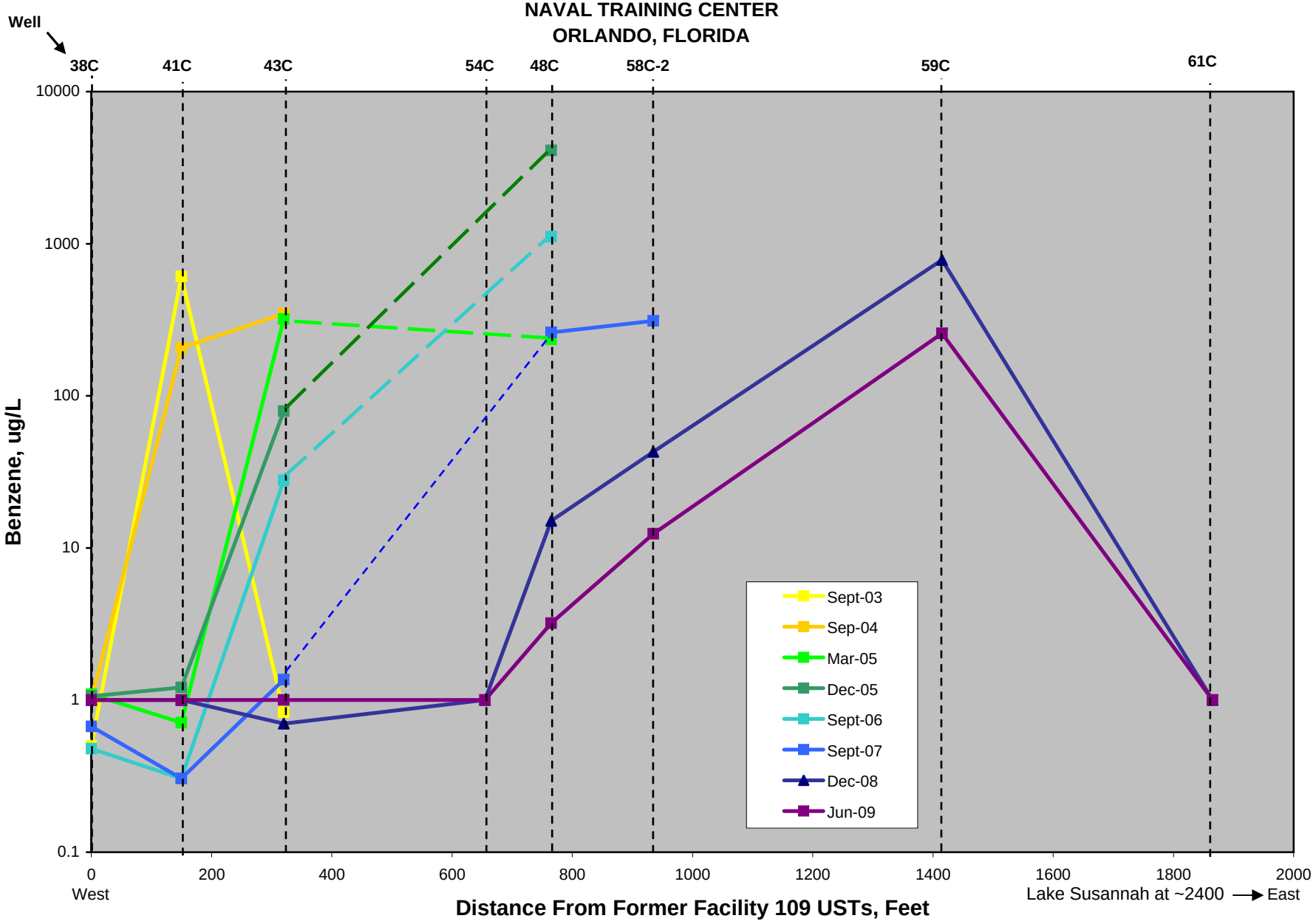
AQUIFER ZONE D, BENZENE PLUME
APRIL - DECEMBER 2008
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

CONTRACT NO. N62467-04-D-0055	
OWNER NO. ----	
APPROVED BY ------	DATE ------
DRAWING NO. FIGURE 4-6	REV. 0

FIGURE 4-7
BENZENE CONCENTRATION TRENDS ALONG PLUME CENTERLINE
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA



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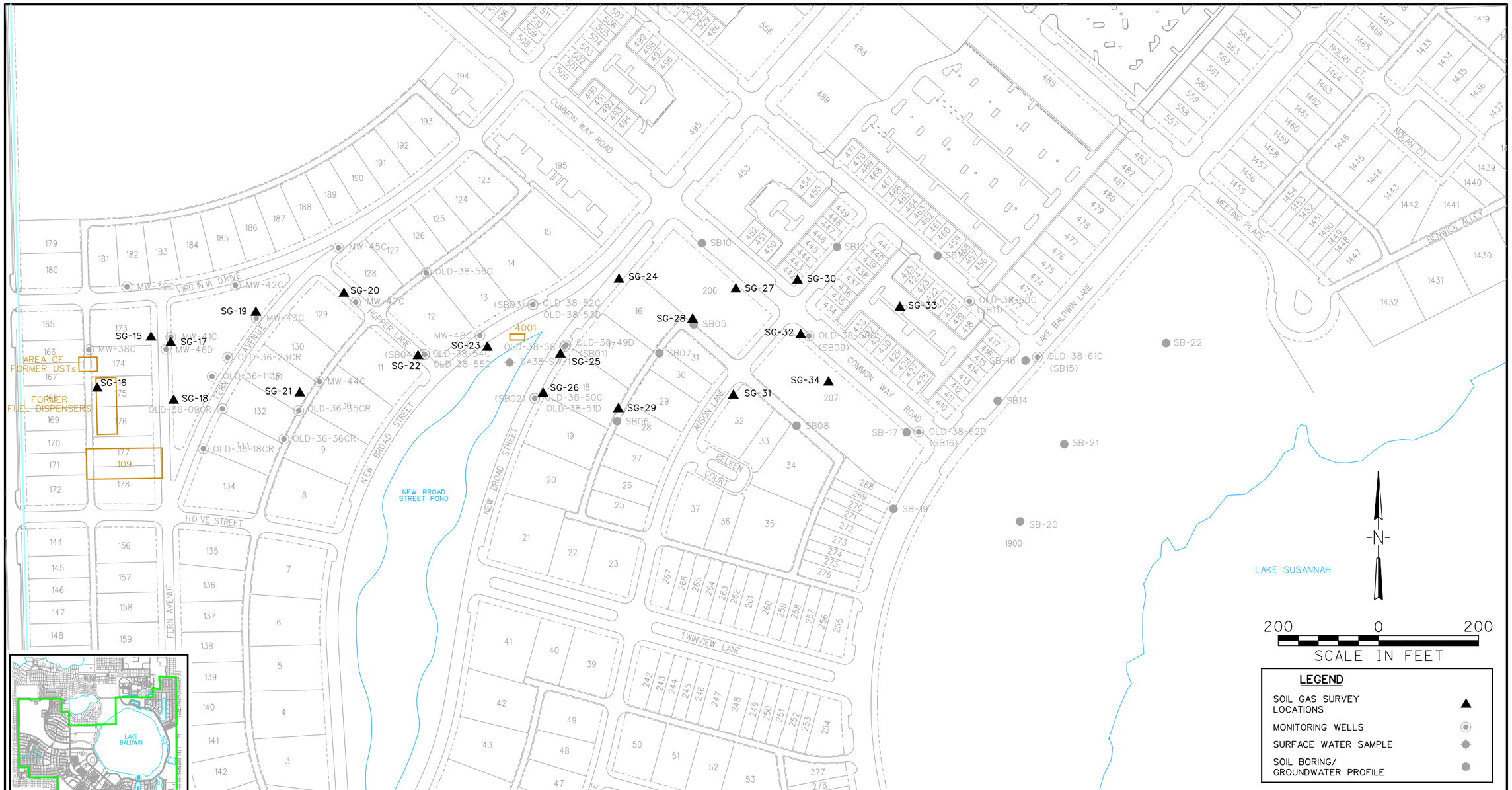

DRAWN BY	DATE
WRW	12/08/09
CHECKED BY	DATE
TKG	12/08/09
REVISED BY	DATE
---	------
SCALE	
AS NOTED	

SOIL GAS SAMPLE LOCATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

CONTRACT NO.	
N62467-04-D-0055	
OWNER NO.	

APPROVED BY	DATE
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DRAWING NO.	REV.
FIGURE 4-8	0

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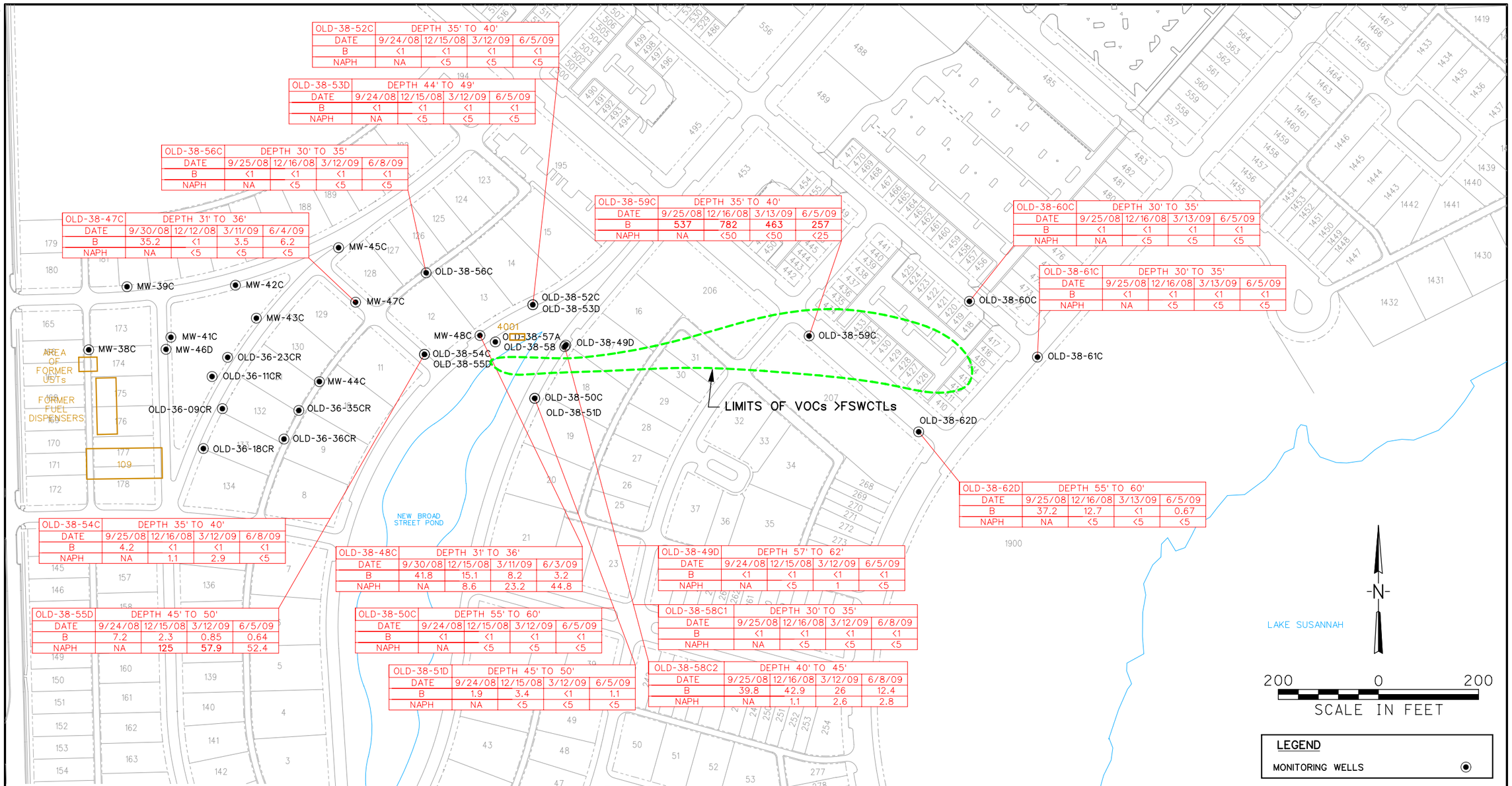


OLD-38-52C	DEPTH 35' TO 40'			
DATE	9/24/08	12/15/08	3/12/09	6/5/09
B	<1	<1	<1	<1
NAPH	NA	<5	<5	<5

OLD-38-53D	DEPTH 44' TO 49'			
DATE	9/24/08	12/15/08	3/12/09	6/5/09
B	<1	<1	<1	<1
NAPH	NA	<5	<5	<5

OLD-38-56C	DEPTH 30' TO 35'			
DATE	9/25/08	12/16/08	3/12/09	6/8/09
B	<1	<1	<1	<1
NAPH	NA	<5	<5	<5

OLD-38-47C	DEPTH 31' TO 36'			
DATE	9/30/08	12/12/08	3/11/09	6/4/09
B	35.2	<1	3.5	6.2
NAPH	NA	<5	<5	<5

OLD-38-59C	DEPTH 35' TO 40'			
DATE	9/25/08	12/16/08	3/13/09	6/5/09
B	537	782	463	257
NAPH	NA	<50	<50	<25

OLD-38-60C	DEPTH 30' TO 35'			
DATE	9/25/08	12/16/08	3/13/09	6/5/09
B	<1	<1	<1	<1
NAPH	NA	<5	<5	<5

OLD-38-61C	DEPTH 30' TO 35'			
DATE	9/25/08	12/16/08	3/13/09	6/5/09
B	<1	<1	<1	<1
NAPH	NA	<5	<5	<5

OLD-38-62D	DEPTH 55' TO 60'			
DATE	9/25/08	12/16/08	3/13/09	6/5/09
B	37.2	12.7	<1	0.67
NAPH	NA	<5	<5	<5

OLD-38-54C	DEPTH 35' TO 40'			
DATE	9/25/08	12/16/08	3/12/09	6/8/09
B	4.2	<1	<1	<1
NAPH	NA	1.1	2.9	<5

OLD-38-48C	DEPTH 31' TO 36'			
DATE	9/30/08	12/15/08	3/11/09	6/3/09
B	41.8	15.1	8.2	3.2
NAPH	NA	8.6	23.2	44.8

OLD-38-49D	DEPTH 57' TO 62'			
DATE	9/24/08	12/15/08	3/12/09	6/5/09
B	<1	<1	<1	<1
NAPH	NA	<5	1	<5

OLD-38-55D	DEPTH 45' TO 50'			
DATE	9/24/08	12/15/08	3/12/09	6/5/09
B	7.2	2.3	0.85	0.64
NAPH	NA	125	57.9	52.4

OLD-38-50C	DEPTH 55' TO 60'			
DATE	9/24/08	12/15/08	3/12/09	6/5/09
B	<1	<1	<1	<1
NAPH	NA	<5	<5	<5

OLD-38-58C1	DEPTH 30' TO 35'			
DATE	9/25/08	12/16/08	3/12/09	6/8/09
B	<1	<1	<1	<1
NAPH	NA	<5	<5	<5

OLD-38-51D	DEPTH 45' TO 50'			
DATE	9/24/08	12/15/08	3/12/09	6/5/09
B	1.9	3.4	<1	1.1
NAPH	NA	<5	<5	<5

OLD-38-58C2	DEPTH 40' TO 45'			
DATE	9/25/08	12/16/08	3/12/09	6/8/09
B	39.8	42.9	26	12.4
NAPH	NA	1.1	2.6	2.8

SAMPLE COLLECTION DATE — SCREEN INTERVAL TO NEAREST FOOT

SB16	DEPTH 45' TO 50'	
DATE	9/25/08	12/16/08
B	<1	2.3
NAPH	<5	2.6

ANALYTE — ANALYTE CONCENTRATION — BOLD IF >FSWCTL

SCREENING CRITERIA

ANALYTE[a,b]	ABBREVIATION	GCTL[c]	FSWCTL[c]
Benzene	B	1	71.28
Naphthalene[(1)]	NAPH	14	56

GCTL = GROUNDWATER CLEANUP TARGET LEVEL
FSWCTL = FRESH SURFACE WATER CLEANUP TARGET LEVEL
(1)=GCTL revised February 2005

LEGEND
MONITORING WELLS ◉

DRAWN BY WRW	DATE 12/07/09
CHECKED BY TKG	DATE 12/07/09
REVISED BY ---	DATE ------
SCALE AS NOTED	

PETROLEUM FUEL CONTAMINANTS DETECTED IN GROUNDWATER SEPTEMBER 2008 - JUNE 2009
STUDY AREA 38

NAVAL TRAINING CENTER ORLANDO, FLORIDA

CONTRACT NO. N62467-04-D-0055	
OWNER NO. ----	
APPROVED BY ------	DATE ------
DRAWING NO. FIGURE 5-1	REV. 0

TABLES

TABLE 3-2
WELL CONSTRUCTION AND WATER LEVEL ELEVATIONS SUMMARY
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well Number	Screen Interval (BLS)	Well Type	Date Installed	TOC Elevation (AMSL)	08/14/07		07/02/08	
					Depth to Water (BTOC)	Groundwater Elevation (AMSL)	Depth to Water (BTOC)	Groundwater Elevation (AMSL)
MW-38C	30-35	2-inch	9/5/03	115.59	6.37	109.22	6.32	109.27
MW-39C	30-35	2-inch	9/8/03	114.77	6.59	108.18	6.71	108.06
MW-41C	30-35	2-inch	9/3/03	114.62	8.00	106.62	8.08	106.54
MW-42C	30-35	2-inch	9/3/03	113.09	6.72	106.37	6.84	106.25
MW-43C	30-35	2-inch	9/4/03	113.35	7.19	106.16	7.21	106.14
MW-44C	30-35	2-inch	9/5/03	114.65	8.90	105.75	8.88	105.77
MW-45C	30-35	2-inch	8/24/04	112.28	6.41	105.87	6.51	105.77
MW-46D	55-60	2-inch	8/24/04	114.62	7.88	106.74	7.92	106.70
MW-47C	31-36	2-inch	4/15/05	111.88	6.16	105.72	6.2	105.68
MW-48C	31-36	2-inch	4/15/05	113.52	8.57	104.95	8.47	105.05
OLD-38-49D	57-62	2-inch	6/12/07	113.33	8.85	104.48	8.71	104.62
OLD-38-50C	33-38	1-inch	6/14/07	113.87	9.23	104.64	9.15	104.72
OLD-38-51D	45-50	1-inch	6/14/07	113.88	9.22	104.66	9.16	104.72
OLD-38-52C	35-40	1-inch	6/15/07	114.32	9.62	104.70	9.5	104.82
OLD-38-53D	44-49	1-inch	6/15/07	114.33	9.62	104.71	9.5	104.83
OLD-38-54C	35-40	1-inch	6/15/07	112.50	7.25	105.25	7.19	105.31
OLD-38-55D	45-50	1-inch	6/15/07	112.53	7.23	105.30	7.2	105.33
OLD-38-56C	30-35	1-inch	8/8/07	114.65	9.35	105.30	9.31	105.34
OLD-38-57A	5-15	1-inch	8/9/07	113.70	5.80	107.90	5.17	108.53
OLD-38-58 (A-1)	5-15	CMT	8/9/07	113.18	5.91	107.27	5.63	107.55
OLD-38-58 (C-1)	30-35	CMT	8/9/07	113.18	8.68	104.50	NM	--
OLD-38-58 (C-2)	40-45	CMT	8/9/07	113.18	8.68	104.50	NM	--
OLD-38-59C	35-40	1.5-inch	6/4/2008	106.07	NM	--	2.98	103.09
OLD-38-60C	30-35	1.5-inch	6/4/2008	105.93	NM	--	3.76	102.17
OLD-38-61C	30-35	1.5-inch	6/6/2008	105.71	NM	--	4.36	101.35
OLD-38-62D	55-60	1.5-inch	6/5/2008	106.29	NM	--	4.1	102.19
SA38-SW-1	NA	NA	NA	117.81	9.31	108.50	NM	--

AMSL - Above mean sea level.
BLS - Below land surface.
BTOC - Below top of casing.
CMT - Continuous multi-channel tubing.
NA - Not applicable.
NM - Not measured
TOC - Top of casing.

TABLE 4-1
HORIZONTAL AND VERTICAL HYDRAULIC GRADIENTS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well Pairs	Area	Top Screen (ft bgs)	Bottom Screen (ft bgs)	Distance * (feet)	Groundwater Elevation (ft amsl)					Horizontal Gradient					Averages
					12/11/07	06/30/08	12/15/08	03/12/09	06/05/09	12/11/07	06/30/08	12/15/08	03/12/09	06/05/09	
HORIZONTAL HYDRAULIC GRADIENT															
MW-38C	SA 36NW near USTs	30	35	164	109.34	108.91	109.36	108.32	110.23	0.012	0.017	0.018	0.017	0.016	0.016
MW-41C		30	35		107.43	106.19	106.48	105.46	107.64						
MW-41C	East of former USTs	30	35	620	107.43	106.19	106.48	105.46	107.64	0.005	0.003	0.003	0.003	0.003	0.004
MW-48C		31	36		104.6	104.47	104.57	103.63	105.95						
MW-48C	SA 38 to east	31	36	660	104.6	104.47	104.57	103.63	105.95	--	--	0.004	0.003	0.002	
OLD-38-59C		35	40		--	--	102.13	101.34	104.34						
OLD-38-59C	SA 38 to far east	35	40	460	--	--	102.13	101.34	104.34	--	--	0.005	0.005	0.004	
OLD-38-61C		30	35		--	--	99.88	99.17	102.33						
MW-46D	East of former USTs	55	60	518	106.55	106.34	106.63	105.59	107.82	0.003	0.003	0.003	0.003	0.002	0.003
OLD-38-55D		45	50		104.97	104.89	104.93	103.93	106.82						
OLD-38-55D	SA 38	45	50	282	104.97	104.89	104.93	103.93	106.82	0.003	0.003	0.003	0.003	0.003	
OLD-38-49D		57	62		104.14	104.18	104.03	103.11	106.03						
OLD-38-51D	SA 38 to far east	45	50	772	104.26	104.32	104.28	103.19	106.13	--	--	0.004	0.004	0.004	
OLD-38-62D		55	60		--	--	101.11	100.37	103.39						
VERTICAL HYDRAULIC GRADIENT															
OLD-38-50C	SA 38	33	38	12	104.23	104.33	104.27	103.21	106.12	-0.003	0.001	-0.001	0.002	-0.001	-0.001
OLD-38-51D		45	50		104.26	104.32	104.28	103.19	106.13						
OLD-38-52C	SA 38	35	40	9	104.33	104.4	104.26	103.35	106.26	-0.001	0.001	0.003	0.003	-0.001	
OLD-38-53D		44	49		104.34	104.39	104.23	103.32	106.27						
OLD-38-54C	SA 38	35	40	10	104.92	104.9	104.87	103.93	106.79	-0.005	0.001	-0.006	0.000	-0.003	
OLD-38-55D		45	50		104.97	104.89	104.93	103.93	106.82						

Notes:
ft - feet; amsl - above mean sea level; bgs - below ground surface;
* Horizontal distance between wells for horizontal gradient, vertical distance between mid point of screen intervals for vertical gradient; negative indicates upward gradient.

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB01 NTC38GSB01182806122007 18-28 20070612	38GSB01 NTC38GSB01384806122007 38-48 20070612	38GSB01 NTC38GSB01556306132007 55-63 20070613	38GSB02 NTC38GSB02081806132007 8-18 20070613	38GSB02 NTC38GSB02384806142007 38-48 20070614
Volatile Orgaqnics (ug/L)							
1,2,4-TRIMETHYLBENZENE	95-63-6	10					
1,3,5-TRIMETHYLBENZENE	108-67-8	10					
2-BUTANONE	78-93-3	4200	2.5 U	25 U	2.5 U	25 U	2.5 U
ACETONE	67-64-1	6300	6.8 J	50 U	5 U	50 U	11.4 J
BENZENE	**71-43-2**	**1**	0.5 U	407	8.8	5 U	4.8
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	6.8	5 U	0.5 U	5 U	3.7
CARBON DISULFIDE	75-15-0	700	1.8 J	10 U	1 U	10 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	1.9	4 U	0.4 U	4 U	1.4
CHLOROFORM	67-66-3	70	27.4	16.4	13.7	19.2	44.8
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	189	3.5	5 U	0.5 U
ISOPROPYLBENZENE	98-82-8	**0.8**					
M+P-XYLENES	TTNUS054	NC					
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**					
N-PROPYLBENZENE	103-65-1	NC					
NAPHTHALENE	**91-20-3**	**14**					
O-XYLENE	95-47-6	NC					
TOLUENE	108-88-3	40	0.5 U	5 U	1.6	5 U	0.68 J
TOTAL XYLENES	**1330-20-7**	**20**	1 U	30.2	1 U	10 U	1 U
TRICHLOROETHENE	79-01-6	3	0.5 U	5 U	0.5 U	5 U	0.5 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB03 NTC38GSB03182806142007 18-28 20070614	38GSB03 NTC38GSB03384806142007 38-48 20070614	38GSB04 NTC38GSB04081806152007 8-18 20070615	38GSB04 NTC38GSB04384806152007 38-48 20070615
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10				
1,3,5-TRIMETHYLBENZENE	108-67-8	10				
2-BUTANONE	78-93-3	4200	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	67-64-1	6300	5 U	7.4 J	12.3 J	7.5 J
BENZENE	**71-43-2**	**1**	0.5 U	0.5 U	0.5 U	46.6
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.7 J	0.5 U	10.3	5.3
CARBON DISULFIDE	75-15-0	700	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.4 U	3.4	1.4
CHLOROFORM	67-66-3	70	2.7	28.1	37.6	28.7
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	0.5 U	0.5 U	19.6
ISOPROPYLBENZENE	98-82-8	**0.8**				
M+P-XYLENES	TTNUS054	NC				
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**				
N-PROPYLBENZENE	103-65-1	NC				
NAPHTHALENE	**91-20-3**	**14**				
O-XYLENE	95-47-6	NC				
TOLUENE	108-88-3	40	0.5 U	0.5 U	0.81 J	0.6 J
TOTAL XYLENES	**1330-20-7**	**20**	1 U	1 U	1 U	1 U
TRICHLOROETHENE	79-01-6	3	0.5 U	0.5 U	0.5 U	0.5 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB05 NTC38GSB05414504222008 41-45 20080422	38GSB05 NTC38GSB05566004222008 56-60 20080422	38GSB06 NTC38GSB06414504222008 41-45 20080422	38GSB06 NTC38GSB06606404222008 60-64 20080422
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.3 U	0.3 U	0.3 U	0.3 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.36 U	0.36 U	0.36 U	0.36 U
2-BUTANONE	78-93-3	4200	2.5 UR	2.5 UR	2.5 UR	2.5 UR
ACETONE	67-64-1	6300	0.74 U	5.5	0.74 U	0.74 U
BENZENE	**71-43-2**	**1**	1000	0.63 J	0.34 U	0.34 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.22 U	0.22 U	0.22 U	0.22 U
CARBON DISULFIDE	75-15-0	700	1.5 J	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.23 U	0.23 U	0.23 U	0.23 U
CHLOROFORM	67-66-3	70	0.36 U	0.36 U	0.36 U	0.36 U
ETHYLBENZENE	**100-41-4**	**30**	4.6	0.36 U	0.36 U	0.36 U
ISOPROPYLBENZENE	98-82-8	**0.8**	1.4	0.2 U	0.2 U	0.2 U
M+P-XYLENES	TTNUS054	NC	0.55 J	0.52 U	0.52 U	0.52 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	77	0.59 U	0.59 U	0.59 U
N-PROPYLBENZENE	103-65-1	NC	0.87 J	0.32 U	0.32 U	0.32 U
NAPHTHALENE	**91-20-3**	**14**	0.43 U	0.43 U	0.43 U	0.43 U
O-XYLENE	95-47-6	NC	0.35 U	0.35 U	0.35 U	0.35 U
TOLUENE	108-88-3	40	0.69 J	0.38 U	0.38 U	0.38 U
TOTAL XYLENES	**1330-20-7**	**20**				
TRICHLOROETHENE	79-01-6	3	0.86 J	0.3 U	1.1	0.3 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB07 NTC38GSB07414504232008 41-45 20080423	38GSB07 NTC38GSB07566004232008 56-60 20080423	38GSB08 NTC38GSB08212504232008 21-25 20080423	38GSB08 NTC38GSB08414504232008 41-45 20080423
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.3 U	0.66 J	0.3 U	0.3 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.36 U	0.36 U	0.36 U	0.36 U
2-BUTANONE	78-93-3	4200	2.5 UR	2.5 UR	2.5 UR	3.4 J
ACETONE	67-64-1	6300	0.74 U	0.74 U	0.74 U	20
BENZENE	**71-43-2**	**1**	79	8.5	0.34 U	0.42 J
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.22 U	0.22 U	0.22 U	0.22 U
CARBON DISULFIDE	75-15-0	700	3.4 J	1.8 J	0.5 U	2.2 J
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.23 U	0.23 U	0.23 U	0.23 U
CHLOROFORM	67-66-3	70	0.36 U	0.36 U	0.36 U	0.36 U
ETHYLBENZENE	**100-41-4**	**30**	0.78 J	1	0.36 U	0.36 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.41 J	1.9	0.2 U	0.2 U
M+P-XYLENES	TTNUS054	NC	0.66 J	0.52 U	0.52 U	0.71 J
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	4.5	0.59 U	0.59 U	0.88 J
N-PROPYLBENZENE	103-65-1	NC	0.32 U	0.32 U	0.32 U	0.32 U
NAPHTHALENE	**91-20-3**	**14**	0.43 U	24	0.43 U	0.43 U
O-XYLENE	95-47-6	NC	0.35 U	0.35 U	0.35 U	0.35 U
TOLUENE	108-88-3	40	1.6	1.4	1.4	1.7
TOTAL XYLENES	**1330-20-7**	**20**				
TRICHLOROETHENE	79-01-6	3	0.95 J	0.3 U	0.3 U	0.72 J

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB08 NTC38GSB08606404232008 60-64 20080423	38GSB09 NTC38GSB09202404232008 20-24 20080423	38GSB09 NTC38GSB09364004242008 36-40 20080424	38GSB09 NTC38GSB09566004242008 56-60 20080424
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.3 U	0.3 U	1.5 U	0.3 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.36 U	0.36 U	1.8 U	0.36 U
2-BUTANONE	78-93-3	4200	9.4 J	2.5 UR	12 UR	2.5 UR
ACETONE	67-64-1	6300	68	0.74 U	3.7 U	0.74 U
BENZENE	**71-43-2**	**1**	0.46 J	0.34 U	760	30
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.22 U	0.22 U	1.1 U	0.22 U
CARBON DISULFIDE	75-15-0	700	3.1 J	1.2 J	2.5 U	1.9 J
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.23 U	0.23 U	1.2 U	0.23 U
CHLOROFORM	67-66-3	70	0.36 U	0.36 U	1.8 U	0.36 U
ETHYLBENZENE	**100-41-4**	**30**	0.36 U	0.36 U	1.8 J	0.36 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.2 U	0.2 U	1 U	0.2 U
M+P-XYLENES	TTNUS054	NC	0.52 U	0.52 U	2.6 U	0.52 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.59 U	0.59 U	21	0.59 U
N-PROPYLBENZENE	103-65-1	NC	0.32 U	0.32 U	1.6 U	0.32 U
NAPHTHALENE	**91-20-3**	**14**	0.43 U	0.43 U	2.2 U	0.43 U
O-XYLENE	95-47-6	NC	0.35 U	0.35 U	1.8 U	0.35 U
TOLUENE	108-88-3	40	1.2	1.2	1.9 U	0.57 J
TOTAL XYLENES	**1330-20-7**	**20**				
TRICHLOROETHENE	79-01-6	3	0.3 U	0.3 U	1.5 U	0.3 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB10 NTC38GSB10313504242008 31-35 20080424	38GSB10 NTC38GSB10414504242008 41-45 20080424	38GSB10 NTC38GSB10566004242008 56-60 20080424	38GSB11 NTC38GSB11162004292008 16-20 20080429
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.3 U	0.3 U	0.3 U	0.29 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.36 U	0.36 U	0.36 U	0.2 U
2-BUTANONE	78-93-3	4200	2.5 UR	2.5 UR	2.5 UR	1.3 UR
ACETONE	67-64-1	6300	0.74 U	9.8	22	1.5 U
BENZENE	**71-43-2**	**1**	0.34 U	0.46 J	0.34 U	0.3 J
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.22 U	0.22 U	0.22 U	0.25 U
CARBON DISULFIDE	75-15-0	700	2.5 J	0.7 J	1.9 J	0.22 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.23 U	0.23 U	0.23 U	0.25 U
CHLOROFORM	67-66-3	70	0.36 U	0.36 U	0.36 U	0.27 U
ETHYLBENZENE	**100-41-4**	**30**	0.36 U	0.36 U	0.36 U	0.25 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.2 U	0.2 U	0.2 U	0.4 U
M+P-XYLENES	TTNUS054	NC	0.52 U	0.52 U	0.52 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.59 U	0.59 U	0.59 U	0.27 U
N-PROPYLBENZENE	103-65-1	NC	0.32 U	0.32 U	0.32 U	0.2 U
NAPHTHALENE	**91-20-3**	**14**	0.43 U	0.43 U	0.43 U	0.27 U
O-XYLENE	95-47-6	NC	0.35 U	0.35 U	0.35 U	0.22 U
TOLUENE	108-88-3	40	0.98 J	1.4	0.67 J	1.6
TOTAL XYLENES	**1330-20-7**	**20**				
TRICHLOROETHENE	79-01-6	3	0.3 U	0.3 U	0.3 U	0.26 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB11 NTC38GSB11313504292008 31-35 20080429	38GSB11 NTC38GSB11414504292008 41-45 20080429	38GSB11 NTC38GSB11566004292008 56-60 20080429	38GSB12 NTC38GSB12313504292008 31-35 20080429
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.29 U	0.29 U	0.29 U	0.29 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.2 U	0.2 U	0.2 U	0.2 U
2-BUTANONE	78-93-3	4200	1.3 UR	1.3 UR	1.3 UR	1.3 UR
ACETONE	67-64-1	6300	1.5 U	1.5 U	1.5 U	1.5 U
BENZENE	**71-43-2**	**1**	0.39 J	0.3 U	0.3 U	0.3 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U
CARBON DISULFIDE	75-15-0	700	0.22 U	0.22 U	0.22 U	0.22 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROFORM	67-66-3	70	0.28 J	0.27 U	0.27 U	0.27 J
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.25 U	0.25 U	0.37 J
ISOPROPYLBENZENE	98-82-8	**0.8**	0.4 U	0.4 U	0.4 U	0.4 U
M+P-XYLENES	TTNUS054	NC	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.27 U	0.27 U	0.27 U	0.27 U
N-PROPYLBENZENE	103-65-1	NC	0.2 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	**91-20-3**	**14**	0.27 U	0.27 U	0.27 U	0.27 U
O-XYLENE	95-47-6	NC	0.22 U	0.22 U	0.22 U	0.22 U
TOLUENE	108-88-3	40	2.1	1.2	0.44 J	1.3
TOTAL XYLENES	**1330-20-7**	**20**				
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.26 U	0.26 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB12 NTC38GSB12414504292008 41-45 20080429	38GSB12 NTC38GSB12566004302008 56-60 20080430	38GSB13 NTC38GSB13313504302008 31-35 20080430	38GSB13 NTC38GSB13414504302008 41-45 20080430
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.29 U	0.29 U	0.29 U	0.29 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.2 U	0.2 U	0.2 U	0.2 U
2-BUTANONE	78-93-3	4200	1.3 UR	1.3 UR	1.3 UR	1.3 UR
ACETONE	67-64-1	6300	1.5 U	1.5 U	1.5 U	1.5 U
BENZENE	**71-43-2**	**1**	0.3 U	0.3 U	0.3 U	0.85 J
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U
CARBON DISULFIDE	75-15-0	700	0.22 U	0.22 U	2.2 J	0.22 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 U	0.27 U	0.27 U
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.25 U	0.25 U	0.25 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.4 U	0.4 U	0.4 U	0.4 U
M+P-XYLENES	TTNUS054	NC	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.27 U	0.27 U	0.27 U	0.27 U
N-PROPYLBENZENE	103-65-1	NC	0.2 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	**91-20-3**	**14**	0.27 U	0.27 U	0.27 U	0.27 U
O-XYLENE	95-47-6	NC	0.22 U	0.22 U	0.22 U	0.22 U
TOLUENE	108-88-3	40	1.2	0.67 J	0.49 J	2
TOTAL XYLENES	**1330-20-7**	**20**				
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.26 U	0.26 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB13 NTC38GSB13566004302008 56-60 20080430	38GSB14 NTC38GSB14162004302008 16-20 20080430	38GSB14 NTC38GSB14313504302008 31-34 20080430	38GSB14 NTC38GSB14414504302008 41-45 20080430
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.29 U	0.29 U	0.29 U	0.29 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.2 U	0.2 U	0.2 U	0.2 U
2-BUTANONE	78-93-3	4200	1.3 UR	1.3 UR	1.3 UR	1.3 UR
ACETONE	67-64-1	6300	1.5 U	1.5 U	1.5 U	1.5 U
BENZENE	**71-43-2**	**1**	0.3 U	0.3 U	0.74 J	0.3 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U
CARBON DISULFIDE	75-15-0	700	0.22 U	0.22 U	0.22 U	0.22 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 U	0.27 U	0.27 U
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.25 U	0.25 U	0.25 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.4 U	0.4 U	0.4 U	0.4 U
M+P-XYLENES	TTNUS054	NC	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.27 U	0.27 U	0.27 U	14
N-PROPYLBENZENE	103-65-1	NC	0.2 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	**91-20-3**	**14**	0.27 U	0.27 U	0.27 U	0.27 U
O-XYLENE	95-47-6	NC	0.22 U	0.22 U	0.22 U	0.22 U
TOLUENE	108-88-3	40	0.29 J	0.41 J	0.52 J	0.49 J
TOTAL XYLENES	**1330-20-7**	**20**				
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.26 U	0.26 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB14 NTC38GSB14566005012008 56-60 20080501	38GSB15 NTC38GSB15313506032008 31-35 20080603	38GSB15 NTC38GSB15566006032008 56-60 20080603	38GSB16 NTC38GSB16313506032008 31-35 20080603
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.29 U	4	0.29 U	0.52 J
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.2 U	1.2	0.2 U	0.2 U
2-BUTANONE	78-93-3	4200	1.3 UR	1.3 U	1.3 U	1.3 U
ACETONE	67-64-1	6300	1.5 U	1.5 U	1.5 U	1.5 U
BENZENE	**71-43-2**	**1**	2.2	1	0.5 J	0.3 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U
CARBON DISULFIDE	75-15-0	700	0.22 U	0.22 U	0.22 U	0.22 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 U	0.27 U	0.27 U
ETHYLBENZENE	**100-41-4**	**30**	0.28 J	1.5	0.25 U	0.25 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.4 U	0.4 U	0.4 U	0.4 U
M+P-XYLENES	TTNUS054	NC	0.71 U	5.8	0.72 J	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.96 J	0.27 U	0.27 U	0.27 U
N-PROPYLBENZENE	103-65-1	NC	0.2 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	**91-20-3**	**14**	0.27 U	0.27 U	0.27 U	0.27 U
O-XYLENE	95-47-6	NC	0.22 U	2.8	0.22 U	0.65 J
TOLUENE	108-88-3	40	1.5	13	1.9	1.7
TOTAL XYLENES	**1330-20-7**	**20**				
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.26 U	0.26 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB16 NTC38GSB16566006032008 56-60 20080603	38GSB17 NTC38GSB17384212162008 38-42 20081216	38GSB17 NTC38GSB17778112162008 77-81 20081216	38GSB18 NTC38GSB18374112182008 37-41 20081218
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.29 U			
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.2 U			
2-BUTANONE	78-93-3	4200	1.3 U	1.3 U	1.3 U	1.3 U
ACETONE	67-64-1	6300	1.5 U	5.3	5.3	1.5 U
BENZENE	**71-43-2**	**1**	10	4.2	85	0.3 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U
CARBON DISULFIDE	75-15-0	700	0.22 U	0.22 U	0.22 U	0.22 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 U	1.2	0.27 U
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.25 U	3.1	0.25 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.4 U			
M+P-XYLENES	TTNUS054	NC	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.27 U	2.4	4.3	0.27 U
N-PROPYLBENZENE	103-65-1	NC	0.2 U			
NAPHTHALENE	**91-20-3**	**14**	0.27 U			
O-XYLENE	95-47-6	NC	0.22 U	0.22 U	0.22 U	0.22 U
TOLUENE	108-88-3	40	0.74 J	0.26 U	0.26 U	0.26 U
TOTAL XYLENES	**1330-20-7**	**20**		0.71 U	0.71 U	0.71 U
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.26 U	0.26 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB19 NTC38GSB19374112192008 37-41 20081219	38GSB19 NTC38GSB19566012192008 56-60 20081219	38GSB20 NTC38GSB20353912182008 35-39 20081218	38GSB20 NTC38GSB20545812182008 54-58 20081218
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10				
1,3,5-TRIMETHYLBENZENE	108-67-8	10				
2-BUTANONE	78-93-3	4200	1.3 U	1.3 U	1.3 U	1.3 U
ACETONE	67-64-1	6300	1.5 U	1.5 U	1.5 U	1.5 U
BENZENE	**71-43-2**	**1**	0.3 U	0.3 U	0.3 U	0.35 J
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U
CARBON DISULFIDE	75-15-0	700	0.74 J	0.22 U	0.75 J	0.57 J
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 U	0.27 U	0.27 U
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.25 U	0.25 U	0.25 U
ISOPROPYLBENZENE	98-82-8	**0.8**				
M+P-XYLENES	TTNUS054	NC	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.27 U	0.27 U	0.27 U	0.48 J
N-PROPYLBENZENE	103-65-1	NC				
NAPHTHALENE	**91-20-3**	**14**				
O-XYLENE	95-47-6	NC	0.22 U	0.22 U	0.22 U	0.22 U
TOLUENE	108-88-3	40	0.26 U	0.26 U	0.26 U	0.26 U
TOTAL XYLENES	**1330-20-7**	**20**	0.71 U	0.71 U	0.71 U	0.71 U
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.34 J	0.26 U

TABLE 4-2
SUMMARY OF DETECTIONS - GROUNDWATER PROFILE SAMPLING
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION **SAMPLE** **DEPTH RANGE** **SAMPLE DATE**	**CAS**	**FL GCTLs[a]**	38GSB21 NTC38GSB21353912182008 35-39 20081218	38GSB21 NTC38GSB21545812182008 54-58 20081218	38GSB22 NTC38GSB22353912192008 35-39 20081219	38GSB22 NTC38GSB22545812192008 54-58 20081219
Volatile Orgaqnics (ug/L)						
1,2,4-TRIMETHYLBENZENE	95-63-6	10				
1,3,5-TRIMETHYLBENZENE	108-67-8	10				
2-BUTANONE	78-93-3	4200	1.3 U	1.3 U	1.3 U	1.3 U
ACETONE	67-64-1	6300	3.2 J	1.5 U	1.5 U	1.5 U
BENZENE	**71-43-2**	**1**	0.3 U	0.3 U	0.3 U	0.3 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U
CARBON DISULFIDE	75-15-0	700	0.63 J	0.56 J	0.53 J	0.69 J
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 U	0.27 U	0.27 U
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.25 U	0.25 U	0.25 U
ISOPROPYLBENZENE	98-82-8	**0.8**				
M+P-XYLENES	TTNUS054	NC	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	14	0.52 J	0.27 U	0.27 U
N-PROPYLBENZENE	103-65-1	NC				
NAPHTHALENE	**91-20-3**	**14**				
O-XYLENE	95-47-6	NC	0.22 U	0.22 U	0.22 U	0.22 U
TOLUENE	108-88-3	40	0.26 U	0.26 U	0.26 U	0.26 U
TOTAL XYLENES	**1330-20-7**	**20**	0.71 U	0.71 U	0.71 U	0.71 U
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.26 U	0.26 U

Notes:
[a] Groundwater Cleanup Target Level [Development of Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, F.A.C., Febraury 2005].
Empty cells indicate parameter not analyzed.
GCTL - Groundwater Cleanup Target Level.
J qualifier indicates an estimated value.
µg/L - micrograms per liter.
NC - Indicates that a GCTL is not available.
R qualifier indicates a rejected value.
U qualifier indicates a non-detect value.
[1] Bold indicates concentration in at least one sample exceeded GCTL.
Values in shaded cells are equal to or exceed the Florida GCTL.

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3638C NTC36G38C01 20030910	MW3638C OLD-36N-38C-032304 20040323	MW3638C OLD-36N-38C-061404 20040614	MW3638C MW-38C-20040912 20040912	MW3638C MW-38C-20041210 20041210	MW3638C MW-38C-20050310 20050310	MW3638C MW-38C-20050615 20050615
Volatile Organics (ug/L)									
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		24.5	26.3	816	958.6	357 J	2340
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 U	1 U	1 U	1 U	0.08 U	0.0868 U	0.0868 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		88.9	9.05	207	385.8	163 J	1090
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U	0.07 U	0.0785 U	0.0785 U
2-BUTANONE	78-93-3	4200	2.5 U	1.07	1 U	1 UJ	0.72 U	0.729 U	0.729 U
4-ISOPROPYLTOLUENE	99-87-6	NC		6.05	4.36	15	0.17 U	7.77	34.4
ACETONE	67-64-1	6300	5 U	10 U	10 U	10 U	1.29 U	1.3 U	1.3 U
BENZENE	**71-43-2**	**1**	0.5 U	1 U	1 U	1 U	1.75 J	1.09 J	1.03 J
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 U	0.6 U	0.6 U	0.6 U	0.18 U	0.184 UJ	0.184 U
CARBON DISULFIDE	75-15-0	700	4.1	1 U	1 U	1 U	0.14 U	0.14 UJ	0.14 U
CHLOROBENZENE	108-90-7	100	0.5 U	1 U	1 U	1 U	0.1 U	0.105 U	0.105 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.4 U	0.4 U	0.4 U	0.15 U	0.157 U	0.157 U
CHLOROETHANE	75-00-3	12	1 U	1 U	1 U	1 U	0.31 U	0.316 U	0.316 U
CHLOROFORM	67-66-3	70	2.7	1 U	1 U	1 U	0.11 U	0.111 UJ	0.111 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	1 U	1 U	1 U	0.27 U	0.278 U	0.278 U
ETHYLBENZENE	**100-41-4**	**30**	8.9	12.9	12.6	83.9	142.6	60.3 J	173
ISOPROPYLBENZENE	**98-82-8**	**0.8**		4.42	4.2	8.83	14.77	7.96	20.6
M+P-XYLENES		NC							
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	1 U	1 U	1 U	0.23 U	0.236 U	0.236 U
METHYLENE CHLORIDE	75-09-2	5	1 U	5 U	5 U	5 U	0.17 UJ	0.174 U	0.174 U
N-BUTYLBENZENE	104-51-8	NC		1 U	45.1	1 U	0.15 U	77.9 J	0.159 U
N-PROPYLBENZENE	103-65-1	NC		10.9	10.6	1 U	28.68	18 J	50.3
NAPHTHALENE	**91-20-3**	**14**		176	222	343	628.4	241 J	1290
O-XYLENE	95-47-6	NC							
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U	0.26 U	0.262 UJ	0.262 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	1 U	1 U	1 UJ	0.24 U	0.242 U	0.242 U
TOLUENE	**108-88-3**	**40**	0.67 J	1 U	1 U	3.1	3.65	0.38 J	0.49 J
TOTAL XYLENES	**1330-20-7**	**20**	78.4	1.07	10.6	975	229	566 J	3450
TRICHLOROETHENE	**79-01-6**	**3**	0.5 U	1 U	1 U	1 U	0.22 U	0.224 U	0.224 U
Volatile Gases (ug/L)									
METHANE	74-82-8	NC		26 U	138	2620	1870	1560	1560
Petroleum Hydrocarbons (mg/L)									
TOTAL PETROLEUM HYDROCARBONS		**5**		1.42	0.58	4	4.1	3.02	5.1
Miscellaneous Parameters									
ALKALINITY (MG/L)		NC							
BICARBONATE ALKALINITY (MG/L)		NC							
CARBON DIOXIDE (MG/L)	124-38-9	NC							
HYDROGEN (NM)	1333-74-0	NC		3.1	2.6		1.3	1.4	7.2
NITRATE-N (MG/L)		10		0.011	0.0031 U	0.0031 U	0.03	0.053	0.055 U
NITRITE-N (MG/L)		**1**		0.0035 U	0.0035 U	0.0035 UJ	0.0035 U	0.0025 U	0.007
NITRITE/NITRATE-N (MG/L)		10							0.05 U
PH		NC							
SULFATE (MG/L)	14808-79-8	250		2 U	25.1	7.42	5.29	7.48	5.11
TOTAL DISSOLVED SOLIDS (MG/L)		**500**							

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3638C MW-38C-20050913 20050913	MW3638C MW-38C_20051214 20051214	MW3638C MW-38C_20060319 20060319	MW3638C MW-38C_20060607 20060607	MW3638C MW-38C_20060915 20060915	MW3638C MW-38C-20061211 20061211	MW3638C MW-38C_20070304 20070304	MW3638C MW-38C_20070619 20070619
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2020	3450	409	634	345	115	188	480
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.0869 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	788	1340	126	294	199	48.6	48	159
1,3-DICHLOROBENZENE	541-73-1	210	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U
2-BUTANONE	78-93-3	4200	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC	28.4	24.8	8.95	15	9.28	0.303 U	2.47	10.4
ACETONE	67-64-1	6300	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U
BENZENE	**71-43-2**	**1**	1 I	1.06 J	1.04	2.75	0.48 J	1.05	0.7 J	0.54 J
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
CARBON DISULFIDE	75-15-0	700	0.14 U	0.14 U	0.211 U	0.5 U	1.79	0.5 U	0.5 U	0.5 UJ
CHLOROBENZENE	108-90-7	100	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	0.315 U	0.315 U	0.511 U	1.01 U	1.01 U	7.84 J	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	157	92.2	75.3	136	39	23	50.3	103
ISOPROPYLBENZENE	**98-82-8**	**0.8**	18.8	14.6	10.6	19.9	8.49	5.15	10.5	22.9
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.236 U	0.236 U	0.236 U	0.336 U	0.51 J	0.36 J	0.336 U	0.336 U
METHYLENE CHLORIDE	75-09-2	5	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	123
N-PROPYLBENZENE	103-65-1	NC	55	41.9	25	67	32.6	16.7	0.669 U	66
NAPHTHALENE	**91-20-3**	**14**	918	1570	508	742	488	951	408	373
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	10.2	11.6	0.394 U	0.539 U	11.9	9.49	0.539 U	12.5
TETRACHLOROETHENE	**127-18-4**	**3**	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.142 U	0.5 J	0.176 U	1.3	0.257 U	0.257 U	0.63 J	0.55 J
TOTAL XYLENES	**1330-20-7**	**20**	3260	4210	159	3290	299	96.2	315	549
TRICHLOROETHENE	**79-01-6**	**3**	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	3320	3960	4820	7040	1630	2600	6220	8200
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	9.93	8.97	5.18	7.95	4.61	2.84	3.34	5.69
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	7.9	4.8	3.5	5.9	3.2		3.6	3.2
NITRATE-N (MG/L)		10	0.019 U	0.019 U	0.019 U	0.018 J	0.0092 U	0.0092 U	0.0092 UJ	0.096
NITRITE-N (MG/L)		**1**	0.0035 U	0.0035 U	0.0035 U	0.0075 U	0.0075 U	0.0075 U	0.0075 UJ	0.0075 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	2.23	2 U	2.11	2.18	3.55	4.23	7.43	22.6
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3638C MW-38C_20070914 20070914	MW3638C MW-38C_20071211 20071211	MW3638C MW-38C_20080320 20080320	MW3638C MW-38C_20080804 20080804	MW3638C MW-38C_20080929 20080929	MW3638C OLD-36NW-MW-38C-1200 20081215	MW3638C OLD-36NW-38C-1400 20090310	MW3638C OLD-SA36NW-38C_20090603 20090603
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	321 L	76.4	55.5			56	65.2	22.5
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	168	48.7	16.6			14.1	21.4	5.5
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.51 J	0.502 U			1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	3 I
4-ISOPROPYLTOLUENE	99-87-6	NC	3.12	2.15	0.68 J			1 U	1.2	1.1
ACETONE	67-64-1	6300	1.18 U	1.18 U	5.99	25 U	25 U	25 U	25 U	25 U
BENZENE	**71-43-2**	**1**	0.67 I	0.52 J	0.46 J	0.67 I	0.59 I	1 U	1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	0.6 I	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	89.5	29.5	6.4	15.2	15.2	5	2.7	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	17.9	11.9	2.66			1.7	1 U	0.58 I
M+P-XYLENES		NC						7.6	18.3	1.4 I
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.336 U	0.336 U			1 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U			1.7	41.6	1.1
N-PROPYLBENZENE	103-65-1	NC	0.669 U	28.4	6.75			4.9	2.9	0.9 I
NAPHTHALENE	**91-20-3**	**14**	177	79.9	101			58.1	76.9	30.3
O-XYLENE	95-47-6	NC						13.4	29.5	4.4
SEC-BUTYLBENZENE	135-98-8	NC	11.8	7.37	4.68			2.6	2.8	1.4
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.36 I	0.257 U	0.257 U	1 U	1 U	1 U	0.47 I	1 U
TOTAL XYLENES	**1330-20-7**	**20**	232	88.9	25.9	115	58			
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	5900	10700	4880	5610 V	5250	8980	4670	4500
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	2.51 V	2.89	2.12	2.76	2.29	1.37	1.45	0.944
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	2.6	1.7	2.1					
NITRATE-N (MG/L)		10	0.0092 U	0.0092 U	0.0092 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.0075 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	5.29	52.9	33.7	11.9	23.4	62	36	15.8
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3639C NTC36G39C01 20030910	MW3639C OLD-36N-39C-032304 20040323	MW3639C OLD-36N-39C-061404 20040614	MW3639C MW-39C-20040912 20040912	MW3639C MW-39C-20041210 20041210	MW3639C MW-39C-20050310 20050310	MW3639C MW-39C-20050615 20050615	MW3639C MW-39C-20050913 20050913
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		1 U	1 U	1 U	0.1 U	0.103 U	0.103 U	0.103 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 U	1 U	1 U	1 U	0.08 U	0.0868 U	0.0868 U	0.0869 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		1 U	1 U	1 U	0.17 U	0.172 U	0.172 U	0.172 U
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U
2-BUTANONE	78-93-3	4200	2.5 U	1 U	1 U	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U	0.17 U	0.176 U	0.176 U	0.176 U
ACETONE	67-64-1	6300	33.4 U	10 U	10 U	10 U	1.29 U	1.3 U	1.3 U	1.3 U
BENZENE	**71-43-2**	**1**	0.5 U	1 U	1 U	1 U	0.14 U	0.143 U	0.143 U	0.143 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 U	0.6 U	0.6 U	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U
CARBON DISULFIDE	75-15-0	700	1 U	1 U	1 U	1 U	0.14 U	0.14 U	0.14 U	0.14 U
CHLOROBENZENE	108-90-7	100	0.5 U	1 U	1 U	1 U	0.1 U	0.105 U	0.105 U	0.105 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.4 U	0.4 U	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U
CHLOROETHANE	75-00-3	12	1 U	1 U	1 U	1 U	0.31 U	0.316 U	0.316 U	0.315 U
CHLOROFORM	67-66-3	70	2.5	1 U	1 U	1 U	0.11 U	0.111 U	0.111 U	0.111 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	1 U	1 U	1 U	0.27 U	0.278 U	0.278 U	0.278 U
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	1 U	1 U	1 U	0.2 U	0.201 U	0.201 U	0.201 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U	0.14 U	0.142 U	0.142 U	0.142 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	1 U	1 U	1 U	0.23 U	0.236 U	0.236 U	0.236 U
METHYLENE CHLORIDE	75-09-2	5	1 U	5 U	5 U	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U	0.15 U	0.159 U	0.159 U	0.159 U
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U	0.24 U	0.242 U	0.242 U	0.242 U
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U	0.18 U	0.18 U	0.18 U	0.18 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U	0.26 U	0.262 U	0.262 U	0.262 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	1 U	1 U	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U
TOLUENE	**108-88-3**	**40**	0.5 U	1 U	1 U	1 U	0.14 U	0.142 U	0.142 U	0.142 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	1 U	1 U	1 U	0.22 U	0.22 U	0.22 U	0.22 U
TRICHLOROETHENE	**79-01-6**	**3**	0.5 U	1 U	1 U	1 U	0.22 U	0.224 U	0.224 U	0.224 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		26 U	26 U	26 U	26 U	5 U	5 U	13.6 U
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**		0.22 U	0.204 U	0.21 U	0.12 J	0.018 U	0.021 J	0.018 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC		2.2	2.6		1.2	1	6.4	4.9
NITRATE-N (MG/L)		10		0.107	0.227	0.407	0.33	0.233	0.055 U	0.053
NITRITE-N (MG/L)		**1**		0.0035 U	0.0035 U	0.018	0.01	0.0025 U	0.015	0.029
NITRITE/NITRATE-N (MG/L)		10							0.053 J	
PH		NC								
SULFATE (MG/L)	14808-79-8	250		48.2	5.92	48.6	39.3	28	33.9	26
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3639C MW-39C_20051214 20051214	MW3639C MW-39C_20060319 20060319	MW3639C MW-39C_20060607 20060607	MW3639C MW-39C_20060915 20060915	MW3639C MW-39C-20061211 20061211	MW3639C MW-39C_20070304 20070304	MW3639C MW-39C_20070619 20070619	MW3639C MW-39C_20070914 20070914
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.103 U	0.103 U	0.81 J	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.172 U	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U
2-BUTANONE	78-93-3	4200	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.176 U	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U
ACETONE	67-64-1	6300	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U	1.18 U
BENZENE	**71-43-2**	**1**	0.143 U	0.14 U	0.6 J	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
CARBON DISULFIDE	75-15-0	700	0.14 U	0.211 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
CHLOROBENZENE	108-90-7	100	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	0.315 U	0.511 U	1.01 U	1.01 U	1.01 UJ	1.01 U	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	0.111 U	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	0.201 U	0.126 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.236 U	0.236 U	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U
METHYLENE CHLORIDE	75-09-2	5	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	0.18 U	0.333 U	5.17	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.142 U	0.176 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	0.22 U	0.298 U	3.24	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U
TRICHLOROETHENE	**79-01-6**	**3**	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	5	36	12 J	5 U	5 U	39	5 U	15 I
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.02 U	0.018 U	0.048 J	0.018 U	0.018 U	0.018 U	0.199	0.018 V,U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	3.3	3.2	2.2	3.5		3.5	2.4	3.6
NITRATE-N (MG/L)		10	0.019 U	0.155	0.018 J	0.036	0.473	0.875 J	0.0092 U	0.0092 U
NITRITE-N (MG/L)		**1**	0.0035 U	0.024	0.0075 U	0.0075 U	0.0075 U	0.038 J	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	18.8	14.2	22.1	25.7	40.1	49.9	40	34.2
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3639C MW-39C_20071211 20071211	MW3639C MW-39C_20080323 20080323	MW3639C MW-39C_20080804 20080804	MW3639C MW-39C_20080930 20080930	MW3639C OLD-36NW-MW-39C-1346 20081212	MW3639C OLD-36NW-39C-1540 20090310	MW3639C OLD-SA36NW-39C_20090603 20090603	MW3640D NTC36G40D01 20030910
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U			2 U	2 U	2 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U			2 U	2 U	2 U	
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U			1 U	1 U	1 U	
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	25 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U			1 U	1 U	1 U	
ACETONE	67-64-1	6300	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	50 U
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U	5.4 J
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	5 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	10 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	4 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	10 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	5.8 J
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	5 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U	5 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U			1 U	1 U	1 U	
M+P-XYLENES		NC					2 U	2 U	2 U	
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.336 U			1 U	1 U	1 U	5 U
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	5 U	5 U	3.6 IV	5 U	5 U	10 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U			1 U	1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U			1 U	1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U			5 U	5 U	5 U	
O-XYLENE	95-47-6	NC					1 U	1 U	1 U	
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U			1 U	1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	5 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	5 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	3 U	3 U				10 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	5 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	5 U	15 U	2.84 V	0.5 U	1.1	0.72	0.47 I	
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.018 U	0.24 U	0.24 U	0.25 U	0.24 U	0.25 U	
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	2.7	2.6						
NITRATE-N (MG/L)		10	0.0092 U	0.015 J	0.1 U		0.1 U	0.1 U	0.1 U	
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.1 U		2.1	0.1 U	0.1 U	
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	32.5	37.7	31	31.9	29.9	23.2	25.8	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3640D NTC36G40D02 20040209	MW3640D OLD-36N-40D-032304 20040323	MW3640D OLD-36N-40D-061404 20040614	MW3641C NTC36G41C01 20030909	MW3641C NTC36G41C01-D 20030909	MW3641C OLD-36N-41C-032304 20040323	MW3641C OLD-36N-41C-061404 20040614	MW3641C NTC36G41C05 20040901
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2.93	1 U			1 U	1 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 UJ	1 U	1 U	2.5 U	2.5 U	1 U	1 U	5.1
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		1.3	1 U			1 U	1 U	
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U			1 U	1 U	
2-BUTANONE	78-93-3	4200	2.5 UJ	14.4	1 U	13 U	13 U	1 U	1 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U			1 U	1 U	
ACETONE	67-64-1	6300	108 J	188	10 U	31.8 U	33.9 U	10 U	10 U	12.3 U
BENZENE	**71-43-2**	**1**	42.4 J	12.2	5.59	541	678	3.26	5.8	207
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 UJ	0.6 U	0.6 U	2.5 U	2.5 U	0.6 U	0.6 U	1 U
CARBON DISULFIDE	75-15-0	700	33.8 J	57.6	7.99	5.1 J	6.6 J	1 U	1 U	2 U
CHLOROBENZENE	108-90-7	100	0.5 UJ	1 U	1 U	2.5 U	2.5 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 UJ	0.4 U	0.4 U	2 U	2 U	0.4 U	0.4 U	0.8 U
CHLOROETHANE	75-00-3	12	1 UJ	1 U	1 U	5 U	5 U	1 U	1 U	2 U
CHLOROFORM	67-66-3	70	1.1 J	1 U	1 U	9.4 J	9.6 J	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 UJ	1 U	1 U	2.5 U	2.5 U	1 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	43 J	7.89	4.08	91.1	96.7	1 U	1 U	20.6
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U			1 U	1 U	
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.51 J	1 U	1 U	105	114	24.6	25.3	84.6
METHYLENE CHLORIDE	75-09-2	5	1 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U			1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U			1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U			5 U	5 U	
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U			1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 UJ	1 U	1 U	2.5 U	2.5 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.73 J	1 U	1 U	92.6	102	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	19.5 J	4.93	1.28	187	201	1 U	1 U	28.6
TRICHLOROETHENE	**79-01-6**	**3**	0.5 UJ	1 U	1 U	2.5 U	2.5 U	1 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		26 U	26 U			26 U	264	
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**		11.6	0.22 U			0.21 U	0.204 U	
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC		1360						
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC		0.1 U						
HYDROGEN (NM)	1333-74-0	NC		2.4	2.5			2.5	2.7	
NITRATE-N (MG/L)		10		0.953	0.037			0.076	0.0031 U	
NITRITE-N (MG/L)		**1**		0.0035 U	0.064			0.0035 U	0.0035 U	
NITRITE/NITRATE-N (MG/L)		10								
PH		NC		10.9						
SULFATE (MG/L)	14808-79-8	250		250	96.8			15.8	7.98	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**		1630						

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3641C MW-41C-20040912 20040912	MW3641C MW-41C-20041210 20041210	MW3641C MW-41C-20050310 20050310	MW3641C MW-41C-20050615 20050615	MW3641C MW-41C-20050913 20050913	MW3641C MW-41C_20051214 20051214	MW3641C MW-41C_20060319 20060319	MW3641C MW-41C_20060606 20060606
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	1 U	0.1 U	0.103 U	1.66 J	0.42 I	0.103 U	0.103 U	0.516 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	0.08 U	0.0868 U	0.46 J	0.0869 U	0.0869 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	1 U	0.17 U	0.172 U	0.65 J	0.172 U	0.172 U	0.22 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U
2-BUTANONE	78-93-3	4200	1 U	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U
ACETONE	67-64-1	6300	10 U	1.29 U	1.3 U	1.3 U	1.3 U	2.46	1.3 U	1.18 U
BENZENE	**71-43-2**	**1**	29.4	11.7	0.71 J	22.4	2.47	1.21 J	0.14 U	0.305 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U
CARBON DISULFIDE	75-15-0	700	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.51 J	0.211 U	0.5 U
CHLOROBENZENE	108-90-7	100	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	0.31 U	0.316 U	0.316 U	0.315 U	0.315 U	0.511 U	1.01 U
CHLOROFORM	67-66-3	70	1 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	1.77
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	1.42	0.67 J	0.201 U	0.59 J	0.201 U	0.201 U	0.126 U	0.338 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	33.9	33.02	13.3	41.7	34	11.3	24.3	0.35 J
METHYLENE CHLORIDE	75-09-2	5	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	1 U	0.15 U	0.159 U	0.52 J	0.159 U	0.159 U	0.205 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	1 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	5 U	0.18 U	0.18 U	4.19	0.18 U	0.18 U	0.333 U	0.452 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	1 U	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U
TOLUENE	**108-88-3**	**40**	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	1.31	0.76 J	0.22 U	1.6 J	0.38 I	0.22 U	0.298 U	0.433 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	304	26 U	5 U	161	217	22 J	13.6 U	5 U
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.21 U	0.16 J	0.018 U	0.018 J	0.018 U	0.02 U	0.018 U	0.105 J
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC		1.8	1.2	3.3	4.5	8	1.9	3.3
NITRATE-N (MG/L)		10	0.0031 U	0.0031 U	0.033	0.055 U	0.019 U	0.019 U	0.144	0.0092 U
NITRITE-N (MG/L)		**1**	0.0035 U	0.0035 U	0.0025 U	0.005 U	0.0035 U	0.0035 U	0.0035 U	0.071
NITRITE/NITRATE-N (MG/L)		10				0.05 U				
PH		NC								
SULFATE (MG/L)	14808-79-8	250	8.73	6.69	8.03	9.06	6.54	3.76	6.8	6.3
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3641C MW-41C_20060915 20060915	MW3641C MW-41C-20061211 20061211	MW3641C MW-41C_20070304 20070304	MW3641C MW-41C_20070619 20070619	MW3641C MW-41C_20070914 20070914	MW3641C MW-41C_20071211 20071211	MW3641C MW-41C_20080320 20080320	MW3641C MW-41C_20080804 20080804
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.4 I
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 UJ	1.64 U	1.64 U	1.64 U	1.64 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 UJ	1.18 U	1.25 I	1.18 U	1.18 U	25 U
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.52 J	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 UJ	1.01 U	1.01 U	1.01 U	1.01 U	1.01 UJ	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	0.77 J	0.554 U	0.554 U	0.554 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	31	34.6	23.3	10.4	19.9	36.4	30.2	
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	3 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	122	244	58	7 J	235	276	113	153 V
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.018 U	0.018 U	0.189	0.031 V,I	0.018 U	0.018 U	0.25 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	0 J		1.8	3		1.8	2.1	
NITRATE-N (MG/L)		10	0.015 J	0.08	0.18 J	0.074	0.0092 U	0.0092 U	0.16	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.0075 UJ	0.175	0.0075 U	0.0075 U	0.0075 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	6.68	10	8.24	8.51	5.34	7.47	9.21	14
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3641C MW-41C_20080929 20080929	MW3641C OLD-36NW-MW-41C-1027 20081212	MW3641C OLD-36NW-41C-0905 20090311	MW3641C OLD-SA36NW-41C_20090604 20090604	MW3642C NTC36G42C01 20030910	MW3642C OLD-36N-42C-032304 20040323	MW3642C OLD-36N-42C-061404 20040614	MW3642C NTC36G42C05 20040831
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2 U	2 U	2 U		1 U	1 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.48 I	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		2 U	2 U	2 U		1 U	1 U	
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U		1 U	1 U	
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	2.5 U	1 U	1 U	2.5 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U		1 U	1 U	
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	5 U	10 U	10 U	5 U
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	1 U	2.6	1 U	1 U	0.5 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	1 U	1 U	1 U	1 U	0.72 J	0.6 U	0.6 U	0.5 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	5.5	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	1 U	1 U	1 U	1 U	0.4 U	0.4 U	0.4 U	0.4 U
CHLOROETHANE	75-00-3	12	2 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U
CHLOROFORM	67-66-3	70	1 U	2.1	0.49 I	1 U	10	1 U	1 U	0.5 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U		1 U	1 U	
M+P-XYLENES		NC		2 U	2 U	2 U				
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**		11.2	22.4	25.4	1.7 J	1.95	1.37	4.1
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	1.1 J	5 U	5 U	1 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U		1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U		1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U		5 U	5 U	
O-XYLENE	95-47-6	NC		1 U	1 U	1 U				
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U		1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U
TOLUENE	**108-88-3**	**40**	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U
TOTAL XYLENES	**1330-20-7**	**20**	3 U				1 U	1 U	1 U	1 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	0.5 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	202	29.4	96.5	92.8		26 U	26 U	
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.24 U	0.24 U	0.24 U	0.25 U		0.22 U	0.22 U	
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC						2.9	2.6	
NITRATE-N (MG/L)		10	0.1 U	0.13	0.12	0.1 U		0.013	0.0031 U	
NITRITE-N (MG/L)		**1**	0.1 U	1.8	0.1 U	0.1 U		0.0035 U	0.0035 U	
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	14.2	12	7.7	7.3		2 U	10.1	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3642C MW-42C-20040912 20040912	MW3642C MW-42C-20041210 20041210	MW3642C MW-42C-20050310 20050310	MW3642C MW-42C-20050615 20050615	MW3642C MW-42C-20050912 20050912	MW3642C MW-42C_20051214 20051214	MW3642C MW-42C_20060319 20060319	MW3642C MW-42C_20060606 20060606
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	1 U	0.1 U	0.103 U	0.103 U	0.103 U	0.53 J	0.103 U	0.516 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	0.08 U	0.0868 U	0.0868 U	0.0868 U	0.0869 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.24 J	0.22 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U
2-BUTANONE	78-93-3	4200	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U
ACETONE	67-64-1	6300	10 U	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U
BENZENE	**71-43-2**	**1**	1 U	0.14 U	0.143 U	0.143 U	0.143 U	0.143 U	0.14 U	0.305 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U
CARBON DISULFIDE	75-15-0	700	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.43 J	0.211 U	0.5 U
CHLOROBENZENE	108-90-7	100	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	0.31 U	0.316 U	0.316 U	0.316 U	0.315 U	0.511 U	1.01 U
CHLOROFORM	67-66-3	70	1 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	2.28
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	0.27 U	0.278 U	0.278 U	0.46 I	0.67 J	0.369 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	0.2 U	0.201 U	0.201 U	0.201 U	0.201 U	0.126 U	0.338 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	3.86	1.28 J	0.91 J	0.236 U	0.27 I	0.51 J	0.73 J	0.336 U
METHYLENE CHLORIDE	75-09-2	5	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	1 U	0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	1 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	5 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.333 U	0.452 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	1 U	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U
TOLUENE	**108-88-3**	**40**	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.45 J	0.298 U	0.433 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	119	58	45 U	74	174	426	20 J	36
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.2 U	0.19 J	0.018 U	0.018 U	0.018 U	0.02 U	0.018 U	0.116 J
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC		1.5	1.2	4.5	4.3	1.7	4.5	2
NITRATE-N (MG/L)		10	0.0031 U	0.0031 U	0.014 J	0.055 U	0.019 U	0.021	0.019 U	0.118
NITRITE-N (MG/L)		**1**	0.0035 U	0.0035 U	0.0025 U	0.006	0.0035 U	0.013 J	0.0035 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10				0.05 U				
PH		NC								
SULFATE (MG/L)	14808-79-8	250	14.4	9.12	8.96	7.98	9.45	7.71	9.04	8.29
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3642C MW-42C_20060915 20060915	MW3642C MW-42C-20061211 20061211	MW3642C MW-42C_20070304 20070304	MW3642C MW-42C_20070619 20070619	MW3642C MW-42C_20070914 20070914	MW3642C MW-42C_20071211 20071211	MW3642C MW-42C_20080323 20080323	MW3642C MW-42C_20080804 20080804
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 UJ	1.64 U	1.64 U	1.64 U	1.64 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 UJ	1.18 U	1.18 U	1.18 U	1.18 U	25 U
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U
CARBON DISULFIDE	75-15-0	700	0.64 J	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 UJ	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.38 J	0.84 J	0.77 J	0.83 J	1.22	1.49	0.48 J	1.4
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.87 J	0.51 J	0.43 J	0.336 U	0.37 I	0.336 U	0.336 U	
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	3 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	270	799	342	390	940	1040	253	492 V
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.018 U	0.018 U	0.152 J	0.018 V,U	0.018 U	0.018 U	0.25 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	2.8		1.6	2.4	2.9	1.9	2	
NITRATE-N (MG/L)		10	0.028	0.053	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	9.08	8.4	8.67	8.58	5.06	5.25	8.4	13.9
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3642C MW-42C_20080930 20080930	MW3642C OLD-36NW-MW-42C-1040 20081215	MW3642C OLD-36NW-42C-1245 20090311	MW3642C OLD-SA36NW-42C_20090604 20090604	MW3643C NTC36G43C01 20030909	MW3643C OLD-36N-43C-032304 20040323	MW3643C OLD-36N-43C-061404 20040614	MW3643C NTC36G43C05 20040831
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2 U	2 U	2 U		1 U	1 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		2 U	2 U	2 U		1 U	1 U	
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U		1 U	1 U	
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	2.5 U	1 U	1 U	13 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U		1 U	1.35	
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	5 U	10 U	10 U	25 U
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	1 U	0.83 J	24.8	15.8	342
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	1 U	1 U	1 U	1 U	0.54 J	0.6 U	0.6 U	2.5 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	0.59 I	2 U	2.5	1 U	1 U	5 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	1 U	1 U	1 U	1 U	0.4 U	0.4 U	0.4 U	2 U
CHLOROETHANE	75-00-3	12	2 U	2 U	2 U	2 U	1 U	1 U	1 U	5 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	4.6	1 U	1 U	2.5 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1.1	1 U	0.88 I	0.6 I	0.5 U	1 U	1 U	2.5 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U		1 U	1 U	
M+P-XYLENES		NC		2 U	2 U	2 U				
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**		1 U	1 U	1 U	21.8	19.3	12.8	98.1
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	1 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U		1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U		1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U		5 U	5 U	
O-XYLENE	95-47-6	NC		1 U	1 U	1 U				
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U		1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
TOLUENE	**108-88-3**	**40**	1 U	1 U	1 U	1 U	0.5 U	2.92	2.36	6
TOTAL XYLENES	**1330-20-7**	**20**	3 U				1 U	1 U	1 U	5 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	443	579	328	193		1040	3580	
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.24 U	0.24 U	0.24 U	0.25 U		0.22 U	0.204 U	
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC						1 U		
BICARBONATE ALKALINITY (MG/L)		NC							61.8	
CARBON DIOXIDE (MG/L)	124-38-9	NC						1.3	300	
HYDROGEN (NM)	1333-74-0	NC						2.2	2.9	
NITRATE-N (MG/L)		10		0.1 U	0.1 U	0.12		0.005	0.0031 U	
NITRITE-N (MG/L)		**1**		0.057 I	0.1 U	0.1 U		0.0035 U	0.0035 U	
NITRITE/NITRATE-N (MG/L)		10								
PH		NC						5.66		
SULFATE (MG/L)	14808-79-8	250	13	8.1	7	5.9		15.8	10.2	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**						593	564	

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3643C NTC36G43C05-D 20040831	MW3643C MW-43C-20040912 20040912	MW3643C MW-43C-20041210 20041210	MW3643C MW-43C-20050310 20050310	MW3643C MW-43C-20050615 20050615	MW3643C MW-43C-20050913 20050913	MW3643C MW-43C-20050913-D 20050913	MW3643C MW-43C_20051214 20051214
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2.09	2.85	0.103 U	14.4	0.103 U	0.103 U	0.103 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	2.5 U	1 U	0.08 U	0.0868 U	0.0868 U	0.0869 U	0.0869 U	0.0869 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		1 U	1.15 J	0.172 U	5.64	0.172 U	0.172 U	0.172 U
1,3-DICHLOROBENZENE	541-73-1	210		1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U
2-BUTANONE	78-93-3	4200	13 U	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.729 U
4-ISOPROPYLTOLUENE	99-87-6	NC		2.51	4.54	2.93	1.71 J	1.37 I	1.64 I	1.45 J
ACETONE	67-64-1	6300	25 U	10 U	1.29 U	1.3 U	1.3 U	21.1	19.9	1.3 U
BENZENE	**71-43-2**	**1**	351	273	277	320	257	107	112	79.2
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	2.5 U	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.184 U
CARBON DISULFIDE	75-15-0	700	5 U	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.65 J
CHLOROBENZENE	108-90-7	100	2.5 U	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.105 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	2 U	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.157 U
CHLOROETHANE	75-00-3	12	5 U	1 U	0.31 U	0.316 U	0.316 U	0.315 U	0.315 U	0.315 U
CHLOROFORM	67-66-3	70	2.5 U	1 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.111 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	2.5 U	1 U	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.42 J
ETHYLBENZENE	**100-41-4**	**30**	2.5 U	1 U	0.41 J	0.201 U	1.4 J	0.201 U	0.201 U	0.29 J
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.142 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	113	51.8	40.97	39	38.8	22.1	21.6	18.3
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.174 U
N-BUTYLBENZENE	104-51-8	NC		1 U	0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.159 U
N-PROPYLBENZENE	103-65-1	NC		1 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.242 U
NAPHTHALENE	**91-20-3**	**14**		9.2	16.17	0.18 U	113	0.18 U	0.18 U	0.18 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC		1 U	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U
TETRACHLOROETHENE	**127-18-4**	**3**	2.5 U	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.242 U
TOLUENE	**108-88-3**	**40**	5.1	6.88	8.75	7.17	2.93	10.5	10.8	5.22
TOTAL XYLENES	**1330-20-7**	**20**	5 U	1 U	0.22 U	1.06 J	18.5	2.81	3.5	3.38
TRICHLOROETHENE	**79-01-6**	**3**	2.5 U	1 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.224 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		3100	1090	1070	1050	2350		1680
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**		0.21 U	0.23 J	0.018 U	0.051 J	0.141 I	0.188 I	0.229
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC			1.5	1.2	4.3	25.5		1.9
NITRATE-N (MG/L)		10		0.06	0.01	0.022	0.055 U	0.019 U		0.019 U
NITRITE-N (MG/L)		**1**		0.0035 U	0.0035 U	0.0025 U	0.009	0.0035 U		0.011 J
NITRITE/NITRATE-N (MG/L)		10					0.05 U			
PH		NC								
SULFATE (MG/L)	14808-79-8	250		12.7	9.32	13	15.7	7.22		11.1
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3643C MW-43C_20060319 20060319	MW3643C MW-43C_20060606 20060606	MW3643C MW-43C_20060915 20060915	MW3643C MW-43C-20061211 20061211	MW3643C MW-43C_20070304 20070304	MW3643C MW-43C_20070619 20070619	MW3643C MW-43C_20070914 20070914	MW3643C MW-43C_20071211 20071211
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.103 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U
2-BUTANONE	78-93-3	4200	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U	1.64 U	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.165 U	0.71 J	3.32	2.01	1.49	0.33 J	0.71 I	2.03
ACETONE	67-64-1	6300	1.3 U	1.18 U	3.57	1.18 U	1.18 UJ	1.18 U	2.36	1.18 U
BENZENE	**71-43-2**	**1**	41.8	30	27.8	20	5.29	2.96	1.36	2.57
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
CARBON DISULFIDE	75-15-0	700	0.211 U	0.5 U	1.33	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	0.511 U	1.01 U	1.01 U	1.01 UJ	1.01 U	1.01 U	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	0.571 U	0.554 U	0.554 U	0.7 J	0.554 U	0.554 U	0.554 U	0.554 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.43 J	0.49 J	0.58 J	0.4 J	0.54 J	0.369 U	0.66 I	0.53 J
ETHYLBENZENE	**100-41-4**	**30**	0.126 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	11.2	8.65	9.39	8.4	1.24	3.71	0.79 I	6.94
METHYLENE CHLORIDE	75-09-2	5	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	4.83	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.176 U	1.08	8.68	11	3.18	0.55 J	2.12	2.24
TOTAL XYLENES	**1330-20-7**	**20**	1.56	1.17	0.66 J	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U
TRICHLOROETHENE	**79-01-6**	**3**	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	1670	2040	2090	1160	901	467	1900	1200
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.14 J	0.394	0.056 J	0.269	0.018 U	0.236	0.134 V,I	0.093 J
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	4.5	7.1	19.9		6.7	4.2	7.7	9.9
NITRATE-N (MG/L)		10	0.019 U	0.0092 U	0.0092 U	0.044	0.0092 UJ	0.0092 U	0.0092 U	0.025
NITRITE-N (MG/L)		**1**	0.0035 U	0.014 J	0.0075 U	0.0075 U	0.026 J	0.0075 U	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	15.8	10.9	7.45	16.2	17.2	18.1	5.62	10.3
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3643C MW-43C_20071211-D 20071211	MW3643C MW-43C_20080323 20080323	MW3643C MW-43C_20080804 20080804	MW3643C MW-43C_20080930 20080930	MW3643C OLD-36NW-MW-43C-1030 20081212	MW3643C OLD-36NW-43C-1325 20090310	MW3643C OLD-SA36NW-43C_20090603 20090603
Volatile Organics (ug/L)									
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U			2 U	0.25 I	2 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U			2 U	2 U	2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U			1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	1			1.7	1.2	0.49 I
ACETONE	67-64-1	6300	1.18 U	2.26	25 U	25 U	25 U	25 U	25 U
BENZENE	**71-43-2**	**1**	3.4	0.68 J	0.43 I	1 U	0.7 I	1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.45 I	0.46 I	0.59 I	0.48 I	0.35 I
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U			1 U	1 U	1 U
M+P-XYLENES		NC					2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.79 J			4.7	3.5	0.49 I
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U			1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U			5 U	5 U	5 U
O-XYLENE	95-47-6	NC					1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U			1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	1.74	0.57 I	1.5	2.3	0.93 I	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	3 U	3 U			
TRICHLOROETHENE	**79-01-6**	**3**	1.33	0.574 U	1 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)									
METHANE	74-82-8	NC		1350	643 V	836	1850	1540	668
Petroleum Hydrocarbons (mg/L)									
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.032 J	0.317	0.514	0.469	0.438	0.258
Miscellaneous Parameters									
ALKALINITY (MG/L)		NC							
BICARBONATE ALKALINITY (MG/L)		NC							
CARBON DIOXIDE (MG/L)	124-38-9	NC							
HYDROGEN (NM)	1333-74-0	NC		8.1					
NITRATE-N (MG/L)		10		0.049	0.1 U	0.1 U	0.1 U	0.1 U	0.1
NITRITE-N (MG/L)		**1**		0.0075 U	0.1 U	0.1 U	1.9	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10							
PH		NC							
SULFATE (MG/L)	14808-79-8	250		13.9	14.2	13.6	11.2	6.2	5.3
TOTAL DISSOLVED SOLIDS (MG/L)		**500**							

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3644C NTC36G44C01 20030909	MW3644C OLD-36N-44C-032304 20040323	MW3644C OLD-36N-44C-061404 20040614	MW3644C MW-44C-20040912 20040912	MW3644C MW-44C-20041210 20041210	MW3644C MW-44C-20050310 20050310	MW3644C MW-44C-20050615 20050615	MW3644C MW-44C-20050912 20050912
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		1 U	1 U	1 U	0.56 J	0.103 U	0.103 U	0.103 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 U	1 U	1 U	1 U	0.08 U	0.0868 U	0.0868 U	0.0868 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		1 U	1 U	1 U	0.17 U	0.172 U	0.172 U	0.172 U
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U
2-BUTANONE	78-93-3	4200	2.5 U	1 U	1 U	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U	0.17 U	0.176 U	0.176 U	0.176 U
ACETONE	67-64-1	6300	5 U	10 U	10 U	10 U	1.29 U	1.3 U	1.3 U	1.3 U
BENZENE	**71-43-2**	**1**	0.5 U	1 U	1 U	1 U	0.14 U	0.143 U	0.143 U	0.143 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 U	0.6 U	0.6 U	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U
CARBON DISULFIDE	75-15-0	700	1 U	1 U	1 U	1 U	0.14 U	0.14 U	0.14 U	0.14 U
CHLOROBENZENE	108-90-7	100	0.5 U	1 U	1 U	1 U	0.1 U	0.105 U	0.105 U	0.105 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.4 U	0.4 U	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U
CHLOROETHANE	75-00-3	12	1 U	1 U	1 U	1 U	0.31 U	0.316 U	0.316 U	0.316 U
CHLOROFORM	67-66-3	70	2.3	1 U	1 U	1 U	0.11 U	0.111 U	0.111 U	0.111 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.6 J	1 U	1 U	1 U	0.27 U	0.278 U	0.278 U	0.278 U
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	1 U	1 U	1 U	0.37 J	0.201 U	0.201 U	0.201 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U	0.14 U	0.142 U	0.142 U	0.142 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	1 U	1 U	1 U	0.23 U	0.236 U	0.236 U	0.236 U
METHYLENE CHLORIDE	75-09-2	5	1 U	5 U	5 U	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U	0.15 U	0.159 U	0.159 U	0.159 U
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U	0.24 U	0.242 U	0.242 U	0.242 U
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U	0.18 U	0.18 U	0.18 U	0.18 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U	0.26 U	0.262 U	0.262 U	0.262 U
TETRACHLOROETHENE	**127-18-4**	**3**	4.8	1.1	1 U	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U
TOLUENE	**108-88-3**	**40**	0.5 U	1 U	1 U	1 U	0.14 U	0.142 U	0.142 U	0.142 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	1 U	1 U	1 U	0.22 U	0.22 U	0.22 U	0.22 U
TRICHLOROETHENE	**79-01-6**	**3**	4.8	1.9	1.54	1.68	1.7 J	1.52 J	1.61 J	1.28 I
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		77	411	487	106	164	310	260
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**		0.23 U	0.203 U	0.2 U	0.13 J	0.018 U	0.018 U	0.018 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC		4.1	2.8		1.9	1.3	2.9	5.2
NITRATE-N (MG/L)		10		0.009	0.0031 U	0.0031 U	0.0031 U	0.0049 U	0.055 U	0.019 U
NITRITE-N (MG/L)		**1**		0.0035 U	0.0035 U	0.0035 U	0.0035 U	0.0025 U	0.008	0.0035 U
NITRITE/NITRATE-N (MG/L)		10							0.05 U	
PH		NC								
SULFATE (MG/L)	14808-79-8	250		2.56	2.67	2 U	3.38	4.19	4.35	2.21
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3644C MW-44C_20051214 20051214	MW3644C MW-44C_20060319 20060319	MW3644C MW-44C_20060607 20060607	MW3644C MW-44C_20060915 20060915	MW3644C MW-44C-20061211 20061211	MW3644C MW-44C_20070304 20070304	MW3644C MW-44C_20070619 20070619	MW3644C NTC36G44C061907 20070619
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.103 U	0.103 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.172 U	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	
1,3-DICHLOROBENZENE	541-73-1	210	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	
2-BUTANONE	78-93-3	4200	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U	2.5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.176 U	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	
ACETONE	67-64-1	6300	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U	5 U
BENZENE	**71-43-2**	**1**	0.143 U	12.3	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.5 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.5 U
CARBON DISULFIDE	75-15-0	700	0.14 U	0.211 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	1 U
CHLOROBENZENE	108-90-7	100	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.4 U
CHLOROETHANE	75-00-3	12	0.315 U	0.511 U	1.01 U	1.01 U	11.9 J	1.01 U	1.01 U	1 U
CHLOROFORM	67-66-3	70	0.111 U	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.5 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.41 J	0.369 U	0.43 J	0.369 U	0.46 J	0.52 J	0.369 U	0.5 U
ETHYLBENZENE	**100-41-4**	**30**	0.201 U	0.41 J	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.5 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.236 U	0.43 J	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U	0.5 U
METHYLENE CHLORIDE	75-09-2	5	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	1 U
N-BUTYLBENZENE	104-51-8	NC	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	
NAPHTHALENE	**91-20-3**	**14**	0.18 U	0.333 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.5 U
TOLUENE	**108-88-3**	**40**	0.142 U	0.176 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.5 U
TOTAL XYLENES	**1330-20-7**	**20**	0.22 U	0.298 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	1 U
TRICHLOROETHENE	**79-01-6**	**3**	1.48 J	1.2	1.56	1.64	1.33	1.68	1.56	1.4
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	193	98	307	131	271	145	164	
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.02 U	0.018 U	0.085 J	0.018 U	0.018 U	0.018 U	0.129 J	0.17 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	1.6	1.9	2.4	2.2		1.5	2.6	
NITRATE-N (MG/L)		10	0.019 U	0.019 U	0.013 J	0.0092 U	0.01 J	0.0092 UJ	0.0092 U	
NITRITE-N (MG/L)		**1**	0.013 J	0.0035 U	0.0075 U	0.0075 U	0.0075 U	0.0075 UJ	0.0075 U	
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	3.44	4.67	6.14	4.13	7.42	8.28	9.65	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	MW3644C MW-44C_20070914 20070914	MW3644C MW-44C_20071211 20071211	MW3644C MW-44C_20080323 20080323	MW3644C MW-44C_20080805 20080805	MW3644C MW-44C_20080930 20080930	MW3644C OLD-36NW-MW-44C-1216 20081215	MW3644C OLD-36NW-44C-1045 20090311	MW3644C OLD-SA36NW-44C_20090604 20090604
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U			2 U	2 U	2 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U			2 U	2 U	2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U			1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U			1 U	1 U	1 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	0.83 I	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.6 I	0.62 J	0.369 U	0.47 I	0.41 I	0.31 I	0.4 I	1 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U			1 U	1 U	1 U
M+P-XYLENES		NC						2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.336 U	0.336 U			1 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U			1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U			5 U	1.5 I	5 U
O-XYLENE	95-47-6	NC						1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U			1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.23 I	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	3 U	3 U			
TRICHLOROETHENE	**79-01-6**	**3**	1.84	2.28	1.68	1.8	1.7	1.7	1.8	2
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	242	239	170	206 V	173	8.56	104	151
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 V,U	0.018 U	0.083 J	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	3	1.8	2.2					
NITRATE-N (MG/L)		10	0.0092 U	0.0092 U	0.0092 U	0.1 U		0.1 U	0.1 U	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.0075 U	0.1 U		0.1 U	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	6.74	7.91	11.5	19.5	20.5	17.5	18.5	14.7
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3645C NTC36G45C05 20040901	MW3645C MW-45C-20041210 20041210	MW3645C MW-45C-20050310 20050310	MW3645C MW-45C-20050615 20050615	MW3645C MW-45C-20050912 20050912	MW3645C MW-45C_20051214 20051214	MW3645C MW-45C_20060319 20060319	MW3645C MW-45C_20060607 20060607
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		0.1 U	0.103 U	0.103 U	0.103 U	0.103 U	0.103 U	0.516 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 U	0.08 U	0.0868 U	0.0868 U	0.0868 U	0.0869 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.22 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210		0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U
2-BUTANONE	78-93-3	4200	2.5 U	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC		0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U
ACETONE	67-64-1	6300	6.3 U	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U
BENZENE	**71-43-2**	**1**	0.5 U	0.14 U	0.143 U	0.143 U	0.143 U	3.21	0.14 U	0.305 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U
CARBON DISULFIDE	75-15-0	700	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.211 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.5 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	2	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	0.31 U	0.316 U	0.316 U	0.316 U	0.315 U	0.511 U	1.01 U
CHLOROFORM	67-66-3	70	0.5 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	0.554 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	0.2 U	0.201 U	0.201 U	0.201 U	0.201 U	0.126 U	0.338 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	0.86 J	0.38 J	1.17 J	0.96 I	1.02 J	0.7 J	0.77 J
METHYLENE CHLORIDE	75-09-2	5	1 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC		0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC		0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**		0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.333 U	0.452 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC		0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U
TOLUENE	**108-88-3**	**40**	0.5 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.298 U	0.433 U
TRICHLOROETHENE	**79-01-6**	**3**	0.5 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		26 U	5 U	5 U	13.6 U	5	13.6 U	5 U
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**		0.09 J	0.018 U	0.018 U	0.018 U	0.02 U	0.018 U	0.101 J
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC		3.4	1.3	4.1	6.8	2.1	1.5	2.1
NITRATE-N (MG/L)		10		0.0031 U	0.133	0.055 U	0.019 U	0.094	0.192	0.064 J
NITRITE-N (MG/L)		**1**		0.0035 U	0.0025 U	0.005	0.0035 U	0.043	0.0035 U	0.023
NITRITE/NITRATE-N (MG/L)		10				0.05 U				
PH		NC								
SULFATE (MG/L)	14808-79-8	250		19.4	16.5	18	17.7	19	19.9	21
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3645C MW-45C_20060915 20060915	MW3645C MW-45C-20061211 20061211	MW3645C MW-45C_20070304 20070304	MW3645C MW-45C_20070619 20070619	MW3645C MW-45C_20070914 20070914	MW3645C MW-45C_20071211 20071211	MW3645C MW-45C_20080320 20080320	MW3645C MW-45C_20080805 20080805
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 UJ	1.64 U	1.64 U	1.64 U	1.64 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 UJ	1.18 U	1.18 U	1.18 U	1.18 U	25 U
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	2.16 J	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.6 J	0.62 J	0.65 J	0.53 J	0.57 I	0.35 J	0.336 U	
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	3 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	5 U	5 U	5 U	5 U	5 U	5 U	15 U	3.65 V
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.018 U	0.018 U	0.129 J	0.039 V,I	0.018 U	0.018 U	0.24 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	2.2		1.5	4.9	2.9	1.5	1.7	
NITRATE-N (MG/L)		10	0.093	0.325	0.249	0.0092 U	0.0092 U	0.068	0.207	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	18.4	31.4	27.7	31	27.9	29.4	36.6	32.3
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3645C MW-45C_20080805-D 20080805	MW3645C MW-45C_20080930 20080930	MW3645C MW-45C_20080930-D 20080930	MW3645C OLD-36NW-MW-45C-1042 20081215	MW3645C OLD-36NW-45C-1515 20090310	MW3645C OLD-36NW-45C-1515-D 20090310	MW3645C OLD-SA36NW-45C_20090604 20090604	MW3646D NTC36G46D05 20040901
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**				2 U	2 U	2 U	2 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**				2 U	2 U	2 U	2 U	
1,3-DICHLOROBENZENE	541-73-1	210				1 U	1 U	1 U	1 U	
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U
4-ISOPROPYLTOLUENE	99-87-6	NC				1 U	1 U	1 U	1 U	
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.58 J
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U
CHLOROETHANE	75-00-3	12	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**				1 U	1 U	1 U	1 U	
M+P-XYLENES		NC				2 U	2 U	2 U	2 U	
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**				1 U	1 U	1 U	1 U	0.5 U
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U
N-BUTYLBENZENE	104-51-8	NC				1 U	1 U	1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC				1 U	1 U	1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**				5 U	5 U	5 U	5 U	
O-XYLENE	95-47-6	NC				1 U	1 U	1 U	1 U	
SEC-BUTYLBENZENE	135-98-8	NC				1 U	1 U	1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TOLUENE	**108-88-3**	**40**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TOTAL XYLENES	**1330-20-7**	**20**	3 U	3 U	3 U					1 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		4.66		6.87	3.82		1.75	
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)		10		0.1 U		0.1 U	0.1 U		0.2	
NITRITE-N (MG/L)		**1**		0.1 U		0.16	0.1 U		0.1 U	
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250		34.7		28	28.3		13.6	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3646D MW-46D-20041210 20041210	MW3646D MW-46D-20050310 20050310	MW3646D MW-46D-20050615 20050618	MW3646D MW-46D-20050913 20050913	MW3646D MW-46D_20051214 20051214	MW3646D MW-46D_20060319 20060319	MW3646D MW-46D_20060606 20060606	MW3646D MW-46D_20060915 20060915
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.55 J	0.103 U	0.103 U	0.103 U	0.103 U	0.103 U	0.516 U	0.516 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.08 U	0.0868 U	0.0868 U	0.0869 U	0.0869 U	0.989 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.22 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U
2-BUTANONE	78-93-3	4200	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U	0.303 U
ACETONE	67-64-1	6300	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U
BENZENE	**71-43-2**	**1**	0.14 U	0.143 U	0.143 U	0.143 U	0.143 U	0.14 U	0.305 U	0.305 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U
CARBON DISULFIDE	75-15-0	700	2	0.14 U	0.14 U	0.14 U	0.55 J	0.211 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	0.31 U	0.316 U	0.316 U	0.315 U	0.315 U	0.511 U	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	0.2 U	0.201 U	0.201 U	0.201 U	0.201 U	0.126 U	0.338 U	0.338 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.23 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.336 U	0.336 U
METHYLENE CHLORIDE	75-09-2	5	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.333 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.298 U	0.433 U	0.433 U
TRICHLOROETHENE	**79-01-6**	**3**	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	26 U	5	5 U	13.6 U	5	13.6 U	5 U	5 U
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.17 J	0.018 U	0.024 J	0.018 U	0.02 U	0.018 U	0.098 J	0.018 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	1.8	1.2	5.8	7.3	2.9	3.4	2.1	4
NITRATE-N (MG/L)		10	0.0031 U	0.321	0.369	0.019 U	0.019 U	0.033	0.121	0.0092 U
NITRITE-N (MG/L)		**1**	0.0035 U	0.0025 U	0.0035 U	0.0035 U	0.0035 U	0.0035 U	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	13.8	12	17.5	15.1	15	16.1	15.8	18.9
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3646D MW-46D-20061211 20061211	MW3646D MW-46D_20070304 20070304	MW3646D MW-46D_20070619 20070619	MW3646D MW-46D_20070914 20070914	MW3646D MW-46D_20071211 20071211	MW3646D MW-46D_20080320 20080320	MW3646D MW-46D_20080804 20080804	MW3646D MW-46D_20080929 20080929
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U		
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U		
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U		
2-BUTANONE	78-93-3	4200	1.64 U	1.64 UJ	1.64 U	1.64 U	1.64 U	1.64 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U		
ACETONE	67-64-1	6300	1.18 U	1.18 UJ	1.18 U	1.18 U	1.18 U	1.18 U	25 U	25 U
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2 U	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U	1 U
CHLOROETHANE	75-00-3	12	1.01 UJ	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U		
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U		
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U		
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U		
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U		
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U		
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	3 U	3 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	10 J	32	5 U	5 U	10 J	44.8	21.3 V	42.7
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.018 U	0.114 J	0.032 V,I	0.018 U	0.018 U	0.25 U	0.24 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC		2.3	5.5	2.8	2.2	5.4		
NITRATE-N (MG/L)		10	0.0092 U	0.029 J	0.424	0.0092 U	0.0092 U	0.163	0.29	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 UJ	0.028	0.0075 U	0.0075 U	0.0075 U	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	21.5	16.2	18.5	15.9	14.7	16.9	21.8	22.8
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3646D OLD-36NW-MW-46D-1208 20081212	MW3646D OLD-36NW-MW-46D-1208-D 20081212	MW3646D OLD-36NW-46D-1100 20090311	MW3646D OLD-SA36NW-46D_20090604 20090604	MW3647C NTC36G47C06 20050420	MW3647C NTC36G47C06-D 20050420	MW3647C NTC36G47C07 20050524
Volatile Organics (ug/L)									
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U	2 U	2 U			
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	2 U	2 U	2 U	2 U			
1,3-DICHLOROBENZENE	541-73-1	210	1 U	1 U	1 U	1 U			
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U	1 U	1 U			
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	5 U	5 U	5 U
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	1 U	1 U	1.1 J
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	1 U	1 U	1 U	1 U	0.4 U	0.4 U	0.4 U
CHLOROETHANE	75-00-3	12	2 U	2 U	2 U	2 U	1 U	1 U	1 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U	1 U	1 U			
M+P-XYLENES		NC	2 U	2 U	2 U	2 U			
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	1 U	1 U	1 U	1 U	4.8	4.3	6.8
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	1 U	1 U	1 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U	1 U	1 U			
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U	1 U	1 U			
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U	5 U	5 U			
O-XYLENE	95-47-6	NC	1 U	1 U	1 U	1 U			
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U	1 U	1 U			
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
TOLUENE	**108-88-3**	**40**	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
TOTAL XYLENES	**1330-20-7**	**20**					1 U	1 U	1 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U
Volatile Gases (ug/L)									
METHANE	74-82-8	NC	64.6		41.5	0.89			
Petroleum Hydrocarbons (mg/L)									
TOTAL PETROLEUM HYDROCARBONS		**5**	0.25 U	0.25 U	0.24 U	0.25 U			
Miscellaneous Parameters									
ALKALINITY (MG/L)		NC							
BICARBONATE ALKALINITY (MG/L)		NC							
CARBON DIOXIDE (MG/L)	124-38-9	NC							
HYDROGEN (NM)	1333-74-0	NC							
NITRATE-N (MG/L)		10	0.1 U		0.18	0.2			
NITRITE-N (MG/L)		**1**	1.9		0.1 U	0.1 U			
NITRITE/NITRATE-N (MG/L)		10							
PH		NC							
SULFATE (MG/L)	14808-79-8	250	21.1		19.4	22.9			
TOTAL DISSOLVED SOLIDS (MG/L)		**500**							

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3647C MW-47C-20050912 20050912	MW3647C MW-47C_20051214 20051214	MW3647C MW-47C_20060319 20060319	MW3647C MW-47C_20060607 20060607	MW3647C MW-47C_20060915 20060915	MW3647C MW-47C-20061211 20061211	MW3647C MW-47C_20070304 20070304	MW3647C MW-47C_20070619 20070619
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.103 U	0.37 J	0.103 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.0868 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.172 U	0.172 U	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U
2-BUTANONE	78-93-3	4200	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.176 U	0.176 U	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U
ACETONE	67-64-1	6300	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U
BENZENE	**71-43-2**	**1**	0.143 U	0.143 U	2.44	0.305 U	0.305 U	2.73	1.02	16.4
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
CARBON DISULFIDE	75-15-0	700	0.14 U	0.14 U	0.211 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
CHLOROBENZENE	108-90-7	100	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	0.316 U	0.315 U	0.511 U	1.01 U	1.01 U	1.01 UJ	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	0.201 U	0.201 U	0.126 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	5.92	7.92	9.03	12.4	18.2	35.5	28.5	34.9
METHYLENE CHLORIDE	75-09-2	5	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	0.18 U	0.18 U	0.333 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.142 U	0.142 U	0.176 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	0.22 U	0.24 J	0.298 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U
TRICHLOROETHENE	**79-01-6**	**3**	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	13.6 U	5	13.6 U	12 J	5 U	51	5 U	24 J
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.022 U	0.018 U	0.085 J	0.047 J	0.018 U	0.018 U	0.163 J
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	5.3	2	2.1	2	2.1		1.9	2
NITRATE-N (MG/L)		10	0.019 U	0.019 J	0.04	0.057 J	0.019 J	0.0092 U	0.043	0.0092 U
NITRITE-N (MG/L)		**1**	0.0035 U	0.012 J	0.0035 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	18.8	18.6	17.8	19.5	20.4	23.2	20.7	19.9
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3647C MW-47C_20070914 20070914	MW3647C MW-47C_20071211 20071211	MW3647C MW-47C_20080320 20080320	MW3647C MW-47C_20080805 20080805	MW3647C MW-47C_20080930 20080930	MW3647C OLD-36NW-MW-47C-1340 20081212	MW3647C OLD-36NW-47C-1235 20090311	MW3647C OLD-SA36NW-47C_20090604 20090604
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U			2 U	2 U	2 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.41 I	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U			2 U	2 U	2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U			1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U			1 U	1 U	1 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U
BENZENE	**71-43-2**	**1**	37.3	55.5	17.8	32.1	35.2	26.6	3.5	6.2
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U			1 U	1 U	1 U
M+P-XYLENES		NC						2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	28.1	23.9	18.9			14.3	8.9	11.7
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U			1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U			5 U	5 U	5 U
O-XYLENE	95-47-6	NC						1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U			1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	3 U	3 U			
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	36	37	35.1	54.6 V	40.3	62.5	19.3	42.3
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.04 V,I	0.018 U	0.018 U	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	2.6	1.5	1.9					
NITRATE-N (MG/L)		10	0.0092 U	0.0092 U	0.071	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.0075 U	0.1 U	0.1 U	1.8	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10								0.2 U
PH		NC								
SULFATE (MG/L)	14808-79-8	250	15.9	15.8	18.6	22.8	24	25.8	21	18.3
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3647C OLD-SA36NW-47C_20090604-D 20090604	MW3648C NTC36G48C06 20050420	MW3648C NTC36G48C07 20050524	MW3648C NTC36G48C07-D 20050524	MW3648C MW-48C-20050912 20050912	MW3648C MW-48C_20051214 20051214	MW3648C MW-48C_20051214-D 20051214	MW3648C MW-48C_20060319 20060319
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U				1.8 I	8.09	7.42	11.2
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	0.5 U	2.5 U	2.5 U	0.0868 U	0.0869 U	0.0869 U	0.989 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	2 U				0.172 U	0.97 J	0.9 J	1.76
1,3-DICHLOROBENZENE	541-73-1	210	1 U				0.0785 U	0.0785 U	0.0785 U	0.417 U
2-BUTANONE	78-93-3	4200	5 U	2.5 U	13 U	13 U	0.729 U	0.729 U	0.729 U	0.904 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U				0.176 U	0.176 U	0.176 U	0.165 U
ACETONE	67-64-1	6300	25 U	5 U	25 U	25 U	1.3 U	1.3 U	1.3 U	1.3 U
BENZENE	**71-43-2**	**1**	6.1	235	270	245	454	3820	4400	1750
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	1 U	0.5 U	2.5 U	2.5 U	0.184 U	0.184 U	0.184 U	0.187 U
CARBON DISULFIDE	75-15-0	700	2 U	1 U	5 U	5 U	0.14 U	1.54 J	1.39 J	0.47 J
CHLOROBENZENE	108-90-7	100	1 U	0.5 U	2.5 U	2.5 U	0.105 U	0.105 U	0.105 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	1 U	0.4 U	2 U	2 U	0.157 U	0.157 U	0.157 U	0.276 U
CHLOROETHANE	75-00-3	12	2 U	1 U	5 U	5 U	0.316 U	0.315 U	0.315 U	0.511 U
CHLOROFORM	67-66-3	70	1 U	1.3	2.5 U	2.5 U	0.111 U	0.111 U	0.111 U	0.571 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	0.5 U	2.5 U	2.5 U	0.278 U	0.278 U	0.278 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	2.6	4.7 J	4.3 J	7.7	42.3	41.6	56.1
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U				6.87	7.37	7.72	5.59
M+P-XYLENES		NC	2 U							
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	11.4	4.4	3.6 J	3.8 J	25.5	49.7	58.5	102
METHYLENE CHLORIDE	75-09-2	5	5 U	1 U	5 U	5 U	0.174 U	0.174 U	0.174 U	0.718 U
N-BUTYLBENZENE	104-51-8	NC	1 U				0.159 U	0.159 U	0.159 U	0.205 U
N-PROPYLBENZENE	103-65-1	NC	1 U				11.2	15	15.1	8.73
NAPHTHALENE	**91-20-3**	**14**	5 U				9.39	6.03	5.51	5.73
O-XYLENE	95-47-6	NC	1 U							
SEC-BUTYLBENZENE	135-98-8	NC	1 U				0.47 I	0.81 J	0.85 J	0.59 J
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	0.5 U	2.5 U	2.5 U	0.242 U	0.26 J	0.242 U	0.235 UJ
TOLUENE	**108-88-3**	**40**	1 U	0.5 U	2.5 U	2.5 U	0.142 U	0.77 J	0.73 J	0.176 U
TOTAL XYLENES	**1330-20-7**	**20**		2.7 J	5 U	5 U	0.22 U	3.95	3.88	6.99
TRICHLOROETHENE	**79-01-6**	**3**	1 U	1.8	2.5 U	2.5 U	4.03	2.4	2.46	0.178 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC					447	555		533
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.25 U				0.137 I	0.386	0.415	0.653
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC					4.7	1.7		2.2
NITRATE-N (MG/L)		10					0.019 U	0.019 U		0.019 U
NITRITE-N (MG/L)		**1**					0.0035 U	0.0035 U		0.0035 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250					10.9	7.9		8.32
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3648C MW-48C_20060319-D 20060319	MW3648C MW-48C_20060607 20060607	MW3648C MW-48C_20060607-D 20060607	MW3648C MW-48C_20060915 20060915	MW3648C MW-48C_20060915-D 20060915	MW3648C MW-48C-20061211 20061211	MW3648C MW-48C-20061211-D 20061211	MW3648C MW-48C-20061211-DUPR1 20061211
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	12.4	35.7	24.9	40.2	39.4	56.5	71.5	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	1.89	5.28	2.68	5.32	5.15	4.03	7.12	
1,3-DICHLOROBENZENE	541-73-1	210	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	
2-BUTANONE	78-93-3	4200	0.904 U	1.64 U	1.64 U	1.64 U	1.64 U	1.64 U	1.64 U	
4-ISOPROPYLTOLUENE	99-87-6	NC	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	
ACETONE	67-64-1	6300	1.3 U	1.18 U	1.18 U	1.18 U	1.18 U	1.18 U	1.18 U	
BENZENE	**71-43-2**	**1**	1430	1670	1590	1180	1040	1040 J	1140 J	1100
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	
CARBON DISULFIDE	75-15-0	700	0.58 J	0.6 J	0.56 J	1.82	0.89 J	0.5 U	0.5 U	
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	
CHLOROETHANE	75-00-3	12	0.511 U	1.01 U	1.01 U	1.01 U	1.01 U	2.32 J	3.2 J	
CHLOROFORM	67-66-3	70	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	
ETHYLBENZENE	**100-41-4**	**30**	60.6	134	91.1	84.6	80.9	79.7	106	
ISOPROPYLBENZENE	**98-82-8**	**0.8**	6.02	9.78	8.53	10.1	10.3	7.21	8.75	
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	100	112	111	126	129	133	135	
METHYLENE CHLORIDE	75-09-2	5	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	
N-BUTYLBENZENE	104-51-8	NC	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC	9.6	15.2	11.8	14.1	13.9	15.6	18.8	
NAPHTHALENE	**91-20-3**	**14**	6.45	6.06	4.77	6.99	6.85	8.51	10.1	
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC	0.64 J	0.539 U	0.539 U	0.8 J	0.69 J	0.62 J	0.66 J	
TETRACHLOROETHENE	**127-18-4**	**3**	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	
TOLUENE	**108-88-3**	**40**	0.176 U	5.96	1.96	1.84	1.87	0.257 U	0.26 J	
TOTAL XYLENES	**1330-20-7**	**20**	8.21	83.6	26.3	13.3	11.9	2.8	3.73	
TRICHLOROETHENE	**79-01-6**	**3**	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		1130		981		1370		
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.596	0.945	1.21	0.775	0.669	0.742	0.758	
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC		3.6		3				
NITRATE-N (MG/L)		10		0.028 J		0.0092 U		0.0092 U		
NITRITE-N (MG/L)		**1**		0.0075 U		0.0075 U		0.0075 U		
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250		12		3.3		4.29		
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3648C MW-48CR1-20061211 20061211	MW3648C MW-48C_20070304 20070304	MW3648C MW-48C_20070304-D 20070304	MW3648C MW-48C_20070619 20070619	MW3648C MW-48C_20070619-D 20070619	MW3648C NTC36G48C061907 20070619	MW3648C MW-48C_20070914 20070914	MW3648C MW-48C_20070914-D 20070914
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		23.4	25.5	29	60.3		56.9	54.8
1,2-DICHLOROETHANE	**107-06-2**	**3**		0.989 U	0.989 U	0.989 U	0.989 U	5 U	9.89 U	9.89 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		0.416 U	0.416 U	0.416 U	0.416 U		4.16 U	4.16 U
1,3-DICHLOROBENZENE	541-73-1	210		0.502 U	0.502 U	0.502 U	0.502 U		5.02 U	5.02 U
2-BUTANONE	78-93-3	4200		1.64 UJ	1.64 UJ	1.64 U	1.64 U	25 U	16.4 U	16.4 U
4-ISOPROPYLTOLUENE	99-87-6	NC		0.303 U	0.303 U	0.303 U	0.303 U		3.03 U	3.03 U
ACETONE	67-64-1	6300		1.18 UJ	1.18 UJ	1.18 U	1.18 U	50 U	11.8 U	11.8 U
BENZENE	**71-43-2**	**1**	1150	630	697	397	348	478	271	251
BROMODICHLOROMETHANE	**75-27-4**	**0.6**		0.452 U	0.452 U	0.452 U	0.452 U	5 U	4.52 U	4.52 U
CARBON DISULFIDE	75-15-0	700		0.5 U	0.5 U	0.5 UJ	0.5 UJ	10 U	5 U	5 U
CHLOROBENZENE	108-90-7	100		0.182 U	0.182 U	0.182 U	0.182 U	5 U	1.82 U	1.82 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**		0.374 U	0.374 U	0.374 U	0.374 U	4 U	3.74 U	3.74 U
CHLOROETHANE	75-00-3	12		1.01 U	1.01 U	1.01 U	1.01 U	10 U	10.1 U	10.1 U
CHLOROFORM	67-66-3	70		0.554 U	0.554 U	0.554 U	0.554 U	5 U	5.54 U	5.54 U
CIS-1,2-DICHLOROETHENE	156-59-2	70		0.369 U	0.369 U	0.369 U	0.369 U	5 U	3.69 U	3.69 U
ETHYLBENZENE	**100-41-4**	**30**		27.6	31.2	30.2	56.3	25	32.5	33
ISOPROPYLBENZENE	**98-82-8**	**0.8**		3.74	4.32	5.07	7.65		7.2 I	6.4 I
M+P-XYLENES		NC								
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**		82.3	84.8	60.6	43.6	58.7	32.8	31.5
METHYLENE CHLORIDE	75-09-2	5		0.834 U	0.834 U	0.834 U	0.834 U	10 U	8.34 U	8.34 U
N-BUTYLBENZENE	104-51-8	NC		0.319 U	0.319 U	0.319 U	0.319 U		3.19 U	3.19 U
N-PROPYLBENZENE	103-65-1	NC		0.669 U	0.669 U	9.07	16.2		6.69 U	6.69 U
NAPHTHALENE	**91-20-3**	**14**		4.24	4.98	9.96	8.91	10 U	7.4 I	7.3 I
O-XYLENE	95-47-6	NC								
SEC-BUTYLBENZENE	135-98-8	NC		0.539 U	0.539 U	0.539 U	0.73 J		5.39 U	5.39 U
TETRACHLOROETHENE	**127-18-4**	**3**		0.381 U	0.381 U	0.381 U	0.381 U	5 U	3.81 U	3.81 U
TOLUENE	**108-88-3**	**40**		0.28 J	0.32 J	0.28 J	0.257 U	5 U	2.57 U	2.57 U
TOTAL XYLENES	**1330-20-7**	**20**		1.36	1.51	1.99	1.82	10 U	4.33 U	4.33 U
TRICHLOROETHENE	**79-01-6**	**3**		0.574 U	0.574 U	0.574 U	0.574 U	5 U	5.74 U	5.74 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		810		498			194	
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**		0.301	0.321	0.66	0.531	4.86	0.239 V	0.317 V
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC		2.3		5.8			2.8	
NITRATE-N (MG/L)		10		0.0092 U		0.0092 U			0.0092 U	
NITRITE-N (MG/L)		**1**		0.0075 U		0.0075 U			0.0075 U	
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250		8.43		19			14.6	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	MW3648C MW-48C_20071211 20071211	MW3648C MW-48C_20080320 20080320	MW3648C MW-48C_20080320-D 20080320	MW3648C MW-48C_20080805 20080805	MW3648C MW-48C_20080930 20080930	MW3648C OLD-36NW-MW-48C-1220 20081212	MW3648C OLD-36NW-48C-0905 20090311	MW3648C OLD-SA36NW-48C_20090603 20090603
Volatile Organics (ug/L)										
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	12.6	0.53 J	0.516 U			0.65 I	0.93 IV	1.4 I
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U			2 U	0.24 I	0.2 I
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U			1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U			1 U	1 U	1 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U
BENZENE	**71-43-2**	**1**	109	34.9	0.76 J	62.3	41.8	15.1	8.2	3.2
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	0.56 I	2 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.21 J	0.182 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	0.28 I
ETHYLBENZENE	**100-41-4**	**30**	29.1	7.75	0.34 J	1.4	0.87 I	0.84 I	0.43 I	0.62 I
ISOPROPYLBENZENE	**98-82-8**	**0.8**	8.45	3.01	0.365 U			1.9	3.9	4.6
M+P-XYLENES		NC						2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	27.9	27.1	5.62			21.4	12	17
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	10.7	0.669 U			0.83 I	0.56 IV	0.84 I
NAPHTHALENE	**91-20-3**	**14**	8.76	6.61	0.46 J			8.6	23.2	44.8
O-XYLENE	95-47-6	NC						1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	0.65 J	0.539 U	0.539 U			1 U	0.63 IV	0.7 I
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	3 U	3 U			
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	0.4 I	0.69 I
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	96	82.5		136 V	97.3	123	161	265
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS		**5**	0.32	0.127 J	0.215	0.298	0.369	0.228 I	0.198 I	0.319
Miscellaneous Parameters										
ALKALINITY (MG/L)		NC								
BICARBONATE ALKALINITY (MG/L)		NC								
CARBON DIOXIDE (MG/L)	124-38-9	NC								
HYDROGEN (NM)	1333-74-0	NC	1.6	1.7						
NITRATE-N (MG/L)		10	0.0092 U	0.043		0.1 U	0.1 U	0.1 U	0.11	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U		0.1 U	0.1 U	2.7	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10								
PH		NC								
SULFATE (MG/L)	14808-79-8	250	19.7	27.4		27.7	30.9	35.2	34.5	29.2
TOTAL DISSOLVED SOLIDS (MG/L)		**500**								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3849D NTC38G49D062107 20070621	OLD3849D OLD-38-49D_20071211 20071211	OLD3849D OLD-38-49D_20080322 20080322	OLD3849D OLD-38-49D_20080728 20080728	OLD3849D OLD-38-49D_20080924 20080924	OLD3849D OLD-38-49D-1549 20081215	OLD3849D OLD-38-49D-1549-D 20081215	OLD3849D OLD-38-49D-1030 20090312
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70		0.981 U	0.981 U			1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		0.516 U	0.516 U			2 U	2 U	0.38 I
1,2-DICHLOROETHANE	107-06-2	3	0.5 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10		0.416 U	0.416 U			2 U	2 U	2 U
2-BUTANONE	78-93-3	4200	2.5 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC		0.303 U	0.303 U			1 U	1 U	1 U
ACETONE	67-64-1	6300	5 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**						20 U	20 U	20 U
BENZENE	**71-43-2**	**1**	1.2	2.48	0.305 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	6.5	0.5 UJ	0.5 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	4.5	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	1 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	0.66 J	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		0.365 U	0.365 U			1 U	1 U	1 U
M+P-XYLENES	TTNUS054	NC						2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	0.336 U	0.336 U			1 U	1 U	1 U
METHYLENE CHLORIDE	**75-09-2**	**5**	1.7 J	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC		0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC		0.669 U	0.669 U			1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	1 U	0.452 U	0.452 U			5 U	5 U	1 I
O-XYLENE	95-47-6	NC						1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC		0.539 U	0.539 U			1 U	1 U	1 U
STYRENE	100-42-5	100	0.5 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	0.381 UJ	0.381 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	108-88-3	40	0.5 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	0.433 U	0.433 U	3 U	3 U			
TRICHLOROETHENE	79-01-6	3	0.5 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	1	0.5 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC								
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.646	0.028 J	0.018 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10								
NITRITE-N (MG/L)	TTNUS496	1								
SULFATE (MG/L)	14808-79-8	250								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	OLD3849D OLD-38-49D-1030-D 20090312	OLD3849D OLD-SA38-49D_20090605 20090605	OLD3850C NTC38G50C062007 20070620	OLD3850C OLD-38-50C_20071211 20071211	OLD3850C OLD-38-50C_20080322 20080322	OLD3850C OLD-38-50C_20080728 20080728	OLD3850C OLD-38-50C_20080924 20080924	OLD3850C OLD-38-50C-1430 20081215
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U		0.981 U	0.981 U			1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U		0.516 U	0.516 U			2 U
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	0.5 U	0.989 U	0.989 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U	2 U		0.416 U	0.416 U			2 U
2-BUTANONE	78-93-3	4200	5 U	5 U	2.5 U	1.64 U	1.64 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U		2.43	0.303 U			1 U
ACETONE	67-64-1	6300	25 U	25 U	5 U	1.18 U	1.18 U	25 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**	20 U	20 U						20 U
BENZENE	**71-43-2**	**1**	1 U	1 U	5.6	2.6	2.7	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	1 U	0.5 U	0.5 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	1 U	1 U	1.9	0.554 U	0.554 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	1 U	0.576 U	0.576 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	0.5 U	0.44 J	0.369 U	1 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	0.5 U	0.338 U	0.338 U	0.66 I	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U		0.365 U	0.365 U			1 U
M+P-XYLENES	TTNUS054	NC	2 U	2 U						2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	1 U	1 U	0.5 U	7.98	0.336 U			1 U
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	1 U	0.834 U	0.834 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U		0.319 U	0.319 U			1 U
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U		0.669 U	0.669 U			1 U
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U	1 U	0.452 U	0.452 U			5 U
O-XYLENE	95-47-6	NC	1 U	1 U						1 U
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U		0.539 U	0.539 U			1 U
STYRENE	100-42-5	100	1 U	1 U	0.5 U	0.203 U	0.203 U	1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	0.5 U	0.381 U	0.381 U	1 U	1 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	0.5 U	2.4	0.257 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**			1 U	0.433 U	0.433 U	3 U	3 U	
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1.1	0.574 U	0.62 J	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	0.5 U	0.986 U	0.986 U	1 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC								
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.17 U	0.149 J	0.018 U	0.24 U	0.24 U	0.24 U
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10								
NITRITE-N (MG/L)	TTNUS496	1								
SULFATE (MG/L)	14808-79-8	250								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3850C OLD-38-50C-1040 20090312	OLD3850C OLD-SA38-50C_20090605 20090605	OLD3851D NTC38G51D062007 20070620	OLD3851D OLD-38-51D_20071211 20071211	OLD3851D OLD-38-51D_20080322 20080322	OLD3851D OLD-38-51D_20080728 20080728	OLD3851D OLD-38-51D_20080728-D 20080728	OLD3851D OLD-38-51D_20080924 20080924
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U		0.981 U	0.981 U			
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U		0.516 U	0.516 U			
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	0.5 U	0.989 U	0.989 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U	2 U		0.416 U	0.416 U			
2-BUTANONE	78-93-3	4200	5 U	5 U	2.5 U	1.64 U	1.64 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U		0.303 U	0.303 U			
ACETONE	67-64-1	6300	25 U	25 U	8 J	1.18 U	1.18 U	25 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**	20 U	20 U						
BENZENE	**71-43-2**	**1**	1 U	1 U	30.8 J	19	3.06	1.9	2	1.9
CARBON DISULFIDE	75-15-0	700	2 U	2 U	1 U	0.5 U	0.5 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	1 U	1 U	1.6	0.554 U	0.554 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	1 U	0.576 U	0.576 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	0.5 U	0.369 U	0.369 U	1 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	0.5 UJ	2.18	0.75 J	0.9 I	1	1.3
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U		0.365 U	0.365 U			
M+P-XYLENES	TTNUS054	NC	2 U	2 U						
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.34 I	1 U	1.1	0.38 J	0.336 U			
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	1.6 J	0.834 U	0.834 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U		0.319 U	0.319 U			
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U		0.669 U	0.669 U			
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U	1 UJ	0.452 U	0.452 U			
O-XYLENE	95-47-6	NC	1 U	1 U						
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U		0.539 U	0.539 U			
STYRENE	100-42-5	100	1 U	1 U	0.5 UJ	0.203 U	0.203 U	1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	0.5 U	0.381 U	0.381 U	1 U	1 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	0.5 UJ	0.257 U	0.257 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**			1 UJ	0.5 J	0.433 U	3 U	3 U	3 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	0.5 U	0.574 U	0.574 U	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	0.5 U	0.986 U	0.986 U	1 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC								
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.21 J	0.111 J	0.201	0.24 U	0.18 I	0.24 U
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10								
NITRITE-N (MG/L)	TTNUS496	1								
SULFATE (MG/L)	14808-79-8	250								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3851D OLD-38-51D-1459 20081215	OLD3851D OLD-38-51D-1130 20090312	OLD3851D OLD-SA38-51D_20090605 20090605	OLD3852C NTC38G52C062007 20070620	OLD3852C NTC38G52C062007-D 20070620	OLD3852C OLD-38-52C_20071211 20071211	OLD3852C OLD-38-52C_20080322 20080322	OLD3852C OLD-38-52C_20080728 20080728
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.55 I	1 U	1 U			0.981 U	0.981 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U	2 U			0.516 U	0.516 U	
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	0.5 U	0.5 U	0.989 U	0.989 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U	2 U	2 U			0.416 U	0.416 U	
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	2.5 U	2.5 U	1.64 U	1.64 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U	1 U			0.303 U	0.303 U	
ACETONE	67-64-1	6300	25 U	25 U	25 U	5 U	5 U	1.18 U	1.18 U	25 U
ACROLEIN	**107-02-8**	**3.5**	20 U	20 U	8.4 I					
BENZENE	**71-43-2**	**1**	3.4	1 U	1.1	1.3	1.1	0.305 U	0.305 U	1 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	1 U	1 U	0.5 U	0.5 U	2 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	0.89 J	0.67 J	0.554 U	0.554 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	1 U	1 U	0.576 U	0.576 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	0.5 U	0.5 U	0.369 U	0.369 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	1.6	0.56 I	1 U	0.5 U	0.5 U	0.338 U	0.338 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	0.21 I	0.35 I			0.365 U	0.365 U	
M+P-XYLENES	TTNUS054	NC	2 U	2 U	2 U					
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.78 I	0.53 I	1 U	1	0.5 U	0.39 J	0.336 U	
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	5 U	1 U	1 U	0.834 U	0.834 U	5 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U	1 U			0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U	1 U			0.669 U	0.669 U	
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U	5 U	1 U	1 U	0.452 U	0.452 U	
O-XYLENE	95-47-6	NC	1 U	1 U	1 U					
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U	1 U			0.539 U	0.539 U	
STYRENE	100-42-5	100	1 U	1 U	1 U	0.5 U	0.5 U	0.203 U	0.203 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	0.5 U	0.5 U	0.381 U	0.381 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	0.5 U	0.5 U	0.257 U	0.257 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**				1 U	1 U	0.433 U	0.433 U	3 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	0.5 U	0.5 U	0.574 U	0.574 U	1 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	0.5 U	0.5 U	0.986 U	0.986 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC								
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.24 U	0.174 J	0.16 U	0.048 J	0.068 J	0.24 U
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10								
NITRITE-N (MG/L)	TTNUS496	1								
SULFATE (MG/L)	14808-79-8	250								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3852C OLD-38-52C_20080924 20080924	OLD3852C OLD-38-52C-1355 20081215	OLD3852C OLD-38-52C-1230 20090312	OLD3852C OLD-SA38-52C_20090605 20090605	OLD3853D NTC38G53D062007 20070620	OLD3853D OLD-38-53D_20071211 20071211	OLD3853D OLD-38-53D_20080322 20080322	OLD3853D OLD-38-53D_20080728 20080728
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70		1 U	1 U	1 U		0.981 U	0.981 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2 U	2 U	2 U		0.516 U	0.516 U	
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	1 U	0.5 U	0.989 U	0.989 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10		2 U	2 U	2 U		0.416 U	0.416 U	
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	2.5 U	1.64 U	1.64 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U		0.303 U	0.303 U	
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	5 U	1.18 U	1.18 U	25 U
ACROLEIN	**107-02-8**	**3.5**		20 U	20 U	20 U				
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	1 U	0.5 U	0.305 U	0.305 U	1 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	1 U	0.5 U	0.5 U	2 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	0.5 U	0.554 U	0.554 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	2 U	1 U	0.576 U	0.576 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	0.5 U	0.369 U	0.369 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	1 U	0.5 U	0.338 U	0.338 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U		0.365 U	0.365 U	
M+P-XYLENES	TTNUS054	NC		2 U	2 U	2 U				
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**		1 U	1 U	1 U	0.5 U	0.336 U	0.336 U	
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	5 U	5 U	1 U	0.834 U	0.834 U	5 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U		0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U		0.669 U	0.669 U	
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U	1 U	0.452 U	0.452 U	
O-XYLENE	95-47-6	NC		1 U	1 U	1 U				
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U		0.539 U	0.539 U	
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	0.5 U	0.203 U	0.203 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	0.5 U	0.381 U	0.381 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	1 U	0.5 U	0.257 U	0.257 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	3 U				1 U	0.433 U	0.433 U	3 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	1 U	0.5 U	0.574 U	0.574 U	1 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	1 U	0.5 U	0.986 U	0.986 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC								
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.24 U	0.24 U	0.17 U	0.03 J	0.088 J	0.24 U
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10								
NITRITE-N (MG/L)	TTNUS496	1								
SULFATE (MG/L)	14808-79-8	250								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3853D OLD-38-53D_20080924 20080924	OLD3853D OLD-38-53D-1425 20081215	OLD3853D OLD-38-53D-1305 20090312	OLD3853D OLD-SA38-53D_20090605 20090605	OLD3854C NTC38G54C061907 20070619	OLD3854C OLD-38-54C_20071211 20071211	OLD3854C OLD-38-54C_20080323 20080323	OLD3854C OLD-38-54C_20080728 20080728
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70		1 U	1 U	1 U		0.981 U	0.981 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2 U	2 U	2 U		0.516 U	0.516 U	
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	1 U	0.5 U	0.989 U	0.989 U	0.43 I
1,3,5-TRIMETHYLBENZENE	108-67-8	10		2 U	2 U	2 U		0.416 U	0.416 U	
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	2.5 U	1.64 U	1.64 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U		0.303 U	0.303 U	
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	5 U	1.18 U	1.18 U	25 U
ACROLEIN	**107-02-8**	**3.5**		20 U	20 U	20 U				
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	1 U	8	24.2	64.9	26.2
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	1 U	0.5 U	0.5 U	2 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	7	0.554 U	0.554 U	0.41 I
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	2 U	1 U	0.576 U	0.576 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	0.5 U	0.369 U	0.369 U	0.24 I
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	1 U	0.5 U	1.84	15.1	17.5
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U		0.365 U	0.69 J	
M+P-XYLENES	TTNUS054	NC		2 U	2 U	2 U				
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**		1 U	1 U	1 U	6.1	12.4	16.8	
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	5 U	5 U	4.2 U	0.834 U	0.834 U	5 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U		0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U		0.669 U	0.669 U	
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U	1 U	0.452 U	0.452 U	
O-XYLENE	95-47-6	NC		1 U	1 U	1 U				
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U		0.539 U	0.539 U	
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	0.5 U	0.203 U	0.203 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	0.5 U	0.381 U	0.381 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	1 U	0.5 U	0.257 U	0.257 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	3 U				1 U	0.433 U	0.433 U	3 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	1 U	0.5 U	0.574 U	0.68 J	0.74 I
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	1 U	0.5 U	0.986 U	0.986 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC						143	252	184
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.24 U	0.24 U	0.17 U	0.062 J	0.05 J	0.212 I
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC						2.3	2	
NITRATE-N (MG/L)	TTNUS495	10						0.0092 U	0.0092 U	0.1 U
NITRITE-N (MG/L)	TTNUS496	1						0.0075 U	0.0075 U	0.1 U
SULFATE (MG/L)	14808-79-8	250						16.4	17.5	18

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3854C OLD-38-54C_20080925 20080925	OLD3854C OLD-38-54C_20080925-D 20080925	OLD3854C OLD-38-54C-1116 20081216	OLD3854C OLD-38-54C-1420 20090312	OLD3854C OLD-38-54C_20090608 20090608	OLD3855D NTC38G55D061907 20070619	OLD3855D OLD-38-55D_20071211 20071211	OLD3855D OLD-38-55D_20080322 20080322
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70			1 U	1 U	1 U		0.981 U	0.981 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**			0.46 I	0.86 I	2 U		29.2	18.5
1,2-DICHLOROETHANE	107-06-2	3	0.49 I	0.46 I	0.49 I	1 U	0.42 I	2.5 U	0.989 U	0.989 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10			2 U	2 U	2 U		0.77 J	0.47 J
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	5 U	13 U	1.64 U	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC			1 U	1 U	1 U		0.34 J	0.303 U
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	25 U	25 U	1.18 U	1.18 U
ACROLEIN	**107-02-8**	**3.5**			20 U	20 U	20 U			
BENZENE	**71-43-2**	**1**	3	4.2	1 U	1 U	1 U	220	172	99.6
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	2 U	5 U	0.5 U	0.5 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	1 U	3.2 J	1.6	0.554 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	2 U	2 U	5 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.26 I	0.28 I	1 U	0.29 I	0.27 I	2.5 U	0.369 U	0.369 U
ETHYLBENZENE	**100-41-4**	**30**	2.3	3.7	0.53 I	1 U	1 U	93.4	165	97
ISOPROPYLBENZENE	**98-82-8**	**0.8**			0.37 I	0.86 I	1 U		13.1	9.25
M+P-XYLENES	TTNUS054	NC			2 U	2 U	2 U			
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**			7.4	5.4	6.9	19.4	7.29	2.98
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	5 U	5 U	5 U	5 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC			1 U	1 U	1 U		1.84	4.33
N-PROPYLBENZENE	103-65-1	NC			1 U	1 U	1 U		0.669 U	28.5
NAPHTHALENE	**91-20-3**	**14**			1.1 I	2.9 I	5 U	55.7	163	176
O-XYLENE	95-47-6	NC			1 U	1 U	1 U			
SEC-BUTYLBENZENE	135-98-8	NC			1 U	1 U	1 U		4.55	4.75
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	1 U	2.5 U	0.22 J	0.203 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	1 U	2.5 U	0.381 U	0.381 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	1 U	1 U	2.5 U	1.09	0.59 J
TOTAL XYLENES	**1330-20-7**	**20**	3 U	3 U				5 U	2.08	0.79 J
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	0.54 I	1 U	2.5 U	0.574 U	0.574 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	0.9 I	1 U	1 U	2.5 U	0.986 U	0.986 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	111		146	292	231			
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.191 I	0.232 I	0.25 U	0.24 U	0.24 U	0.777	0.858	0.945
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10	0.1 U		0.1 U	0.1 U	0.1 U			
NITRITE-N (MG/L)	TTNUS496	1	0.1 U		0.1 U	0.1 U	0.1 U			
SULFATE (MG/L)	14808-79-8	250	18.7		17.1	15.9	15.7			

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3855D OLD-38-55D_20080728 20080728	OLD3855D OLD-38-55D_20080924 20080924	OLD3855D OLD-38-55D-1525 20081215	OLD3855D OLD-38-55D-1520 20090312	OLD3855D OLD-SA38-55D_20090605 20090605	OLD3856C NTC38G56C08152007 20070815	OLD3856C NTC38G56C08152007-D 20070815	OLD3856C OLD-38-56C_20071211 20071211
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70			1 U	1 U	1 U			0.981 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**			0.46 I	0.52 I	0.34 I			0.516 U
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.989 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10			2 U	2 U	2 U			0.416 U
2-BUTANONE	78-93-3	4200	6.4	5 U	5 U	5 U	5 U	2 U	2 U	1.64 U
4-ISOPROPYLTOLUENE	99-87-6	NC			1 U	1 U	1 U			0.303 U
ACETONE	67-64-1	6300	25 U	18.1 I	25 U	25 U	25 U	10 U	10 U	1.18 U
ACROLEIN	**107-02-8**	**3.5**			20 U	20 U	20 U			
BENZENE	**71-43-2**	**1**	14.6	7.2	2.3	0.85 I	0.64 I	0.2 U	0.2 U	0.305 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	2 U	0.2 U	0.2 U	0.5 U
CHLOROFORM	67-66-3	70	1 U	0.29 I	1 U	1 U	1 U	0.21 U	0.21 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	2 U	2 U	0.59 J	0.38 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	1 U	0.28 U	0.28 U	0.39 J
ETHYLBENZENE	**100-41-4**	**30**	23.3	6.5	4.1	1.6	1 U	0.2 U	0.2 U	0.338 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**			1.5	0.96 I	0.5 I			0.365 U
M+P-XYLENES	TTNUS054	NC			2 U	2 U	1.1 I			
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**			0.47 I	1 U	1 U	0.6 J	0.59 J	0.5 J
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	13.6	5 U	5 U	5 U	1 U	1 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC			3.7	3.5	8.1			0.319 U
N-PROPYLBENZENE	103-65-1	NC			5	2.6	1.1			0.669 U
NAPHTHALENE	**91-20-3**	**14**			125 L	57.9	52.4	0.44 U	0.44 U	0.452 U
O-XYLENE	95-47-6	NC			1 U	1 U	1 U			
SEC-BUTYLBENZENE	135-98-8	NC			1.8	1.7	0.93 I			0.539 U
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.203 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	1 U	0.25 U	0.25 U	0.381 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	1 U	1 U	0.27 U	0.27 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	3 U	3 U				0.56 U	0.56 U	0.433 U
TRICHLOROETHENE	79-01-6	3	0.4 I	1 U	1 U	1 U	1 U	0.38 U	0.38 U	0.574 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	1 U	1 U	0.34 U	0.34 U	0.986 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC								97
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.576	0.619	0.399	0.362	0.319	0.17 U	0.17 U	0.083 J
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC						430		2
NITRATE-N (MG/L)	TTNUS495	10						0.05 U		0.0092 U
NITRITE-N (MG/L)	TTNUS496	1						0.05 U		0.0075 U
SULFATE (MG/L)	14808-79-8	250						52.9		19.7

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3856C OLD-38-56C_20071211-D 20071211	OLD3856C OLD-38-56C_20080323 20080323	OLD3856C OLD-38-56C_20080323-D 20080323	OLD3856C OLD-38-56C_20080728 20080728	OLD3856C OLD-38-56C_20080925 20080925	OLD3856C OLD-38-56C-0945 20081216	OLD3856C OLD-38-56C-1445 20090312	OLD3856C OLD-38-56C_20090608 20090608
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U	0.981 U			1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U			2 U	2 U	2 U
1,2-DICHLOROETHANE	107-06-2	3	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.416 U	0.416 U	0.416 U			2 U	2 U	2 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U			1 U	1 U	1 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**						20 U	20 U	20 U
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.48 J	0.369 U	0.369 U	0.25 I	1 U	0.29 I	0.25 I	1 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U			1 U	1 U	1 U
M+P-XYLENES	TTNUS054	NC						2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.48 J	0.37 J	0.42 J			1 U	0.31 I	0.41 I
METHYLENE CHLORIDE	**75-09-2**	**5**	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U			1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U			5 U	5 U	5 U
O-XYLENE	95-47-6	NC						1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U			1 U	1 U	1 U
STYRENE	100-42-5	100	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	108-88-3	40	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	3 U	3 U			
TRICHLOROETHENE	79-01-6	3	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC		111		66.6	32.5	18.4	90.1	79
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.043 J	0.018 U	0.018 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC		2.6						
NITRATE-N (MG/L)	TTNUS495	10		0.0092 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NITRITE-N (MG/L)	TTNUS496	1		0.0075 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SULFATE (MG/L)	14808-79-8	250		24.5		26.1	25.6	26.5	22.6	21.8

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3856C OLD-38-56C_20090608-D 20090608	OLD3857A NTC38G57A08142007 20070814	OLD3858A1 NTC38G58A108142007 20070814	OLD3858C1 NTC38G58C108152007 20070815	OLD3858C1 OLD-38-58_C-1_20071211 20071211	OLD3858C1 OLD-38-58-C1_20080323 20080323	OLD3858C1 OLD-38-58-C1_20080729 20080729	OLD3858C1 OLD-38-58-C1_20080925 20080925
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U				0.981 U	0.981 U		
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U				0.516 U	0.516 U		
1,2-DICHLOROETHANE	107-06-2	3	1 U	0.2 U	0.2 U	0.2 U	0.989 U	0.989 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U				0.416 U	0.416 U		
2-BUTANONE	78-93-3	4200	5 U	2 U	2 U	2 U	1.64 U	1.64 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U				0.303 U	0.303 U		
ACETONE	67-64-1	6300	25 U	10 U	10 U	10 U	1.18 U	1.18 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**	20 U							
BENZENE	**71-43-2**	**1**	1 U	0.2 U	0.85 J	2 J	0.73 J	0.305 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	2 U	0.2 U	0.2 U	0.49 J	0.5 U	0.5 U	2 U	2 U
CHLOROFORM	67-66-3	70	1 U	0.21 U	0.21 U	0.21 U	0.554 U	0.554 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	0.38 U	0.38 U	0.38 U	0.576 U	0.576 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.25 I	0.28 U	0.28 U	0.28 U	0.369 U	0.369 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	0.2 U	0.2 U	0.3 J	0.36 J	0.338 U	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U				0.365 U	0.365 U		
M+P-XYLENES	TTNUS054	NC	2 U							
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.39 I	0.25 U	0.25 U	0.25 U	0.336 U	0.336 U		
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	1 U	1 U	1 U	0.834 U	0.834 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	1 U				0.319 U	0.319 U		
N-PROPYLBENZENE	103-65-1	NC	1 U				0.669 U	0.669 U		
NAPHTHALENE	**91-20-3**	**14**	5 U	0.44 U	0.44 U	0.44 UJ	0.452 U	0.452 U		
O-XYLENE	95-47-6	NC	1 U							
SEC-BUTYLBENZENE	135-98-8	NC	1 U				0.539 U	0.539 U		
STYRENE	100-42-5	100	1 U	0.2 U	0.2 U	0.2 UJ	0.203 U	0.203 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	0.25 U	0.25 U	0.25 U	0.381 U	0.381 U	1 U	1 U
TOLUENE	108-88-3	40	1 U	0.27 U	0.27 U	0.27 UJ	0.257 U	0.257 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**		0.56 U	0.56 U	0.56 UJ	0.433 U	0.433 U	3 U	3 U
TRICHLOROETHENE	79-01-6	3	1 U	0.38 U	0.38 U	0.38 U	0.574 U	0.574 U	1 U	1 U
VINYL CHLORIDE	75-01-4	1	1 U	0.34 U	0.34 U	0.34 U	0.986 U	0.986 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	59				4780	3450	2720	1070
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.17 U	0.16 U	0.17 U	0.018 U	0.018 U	0.24 U	0.24 U
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC				3.3	2.4	2.1		
NITRATE-N (MG/L)	TTNUS495	10	0.1 U			0.13	0.0092 U	0.0092 U	0.1 U	0.1 U
NITRITE-N (MG/L)	TTNUS496	1	0.1 U			0.05 U	0.0075 U	0.0075 U	0.1 U	0.1 U
SULFATE (MG/L)	14808-79-8	250	21.4			59.6	15.6	36.7	22.1	29.8

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3858C1 OLD-38-58(C-1)-1000 20081216	OLD3858C1 OLD-38-58C-1-1125 20090312	OLD3858C1 OLD-38-58-(C1)_20090608 20090608	OLD3858C2 NTC38G58C208142007 20070814	OLD3858C2 OLD-38-58_C-2_20071211 20071211	OLD3858C2 OLD-38-58-C2_20080323 20080323	OLD3858C2 OLD-38-58-C2_20080729 20080729	OLD3858C2 OLD-38-58-C2_20080925 20080925
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U	1 U		0.981 U	0.981 U		
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U	2 U		5.11	0.516 U		
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	1 U	0.989 U	0.989 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U	2 U	2 U		0.8 J	0.416 U		
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	10 U	1.64 U	1.64 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U	1 U		0.303 U	0.303 U		
ACETONE	67-64-1	6300	25 U	25 U	25 U	50 U	1.18 U	1.18 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**	20 U	20 U	20 U					
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	311	146	7.6	62.2	39.8
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	1 U	0.5 U	0.5 U	2 U	2 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1.5 J	0.554 U	0.554 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	1.9 U	0.576 U	0.576 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1.4 U	0.369 U	0.369 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	45.1	6.15	0.37 J	5.6	1.6
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U	1 U		1.28	0.365 U		
M+P-XYLENES	TTNUS054	NC	2 U	2 U	2 U					
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	1 U	1 U	1 U	21.6	11.9	0.6 J		
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	5 U	5 U	0.834 U	0.834 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U	1 U		0.319 U	0.319 U		
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U	1 U		0.669 U	0.669 U		
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U	5 U	6.3 J	5.53	0.452 U		
O-XYLENE	95-47-6	NC	1 U	1 U	1 U					
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U	1 U		0.539 U	0.539 U		
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	0.203 U	0.203 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1.3 U	0.381 U	0.381 U	1 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	1.4 U	0.257 U	0.257 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**				50.3	0.433 U	0.433 U	3 U	3 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	1.9 U	0.574 U	0.574 U	1 U	1 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	1.7 U	0.986 U	0.986 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	3630	2590	4810		3280	94.5	412	460
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.24 U	0.43	0.076 J	0.018 U	0.24 U	0.24 U
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC					1.7	1.8		
NITRATE-N (MG/L)	TTNUS495	10	0.1 U	0.1 U	0.1 U		0.279	0.139	0.08 I	0.1 U
NITRITE-N (MG/L)	TTNUS496	1	0.1 U	0.1 U	0.1 U		0.0075 U	0.0075 U	0.1 U	0.1 U
SULFATE (MG/L)	14808-79-8	250	28.6	17.1	7.5		17.3	21.8	24.9	20.7

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3858C2 OLD-38-58(C-2)-1115 20081216	OLD3858C2 OLD-38-58C-2-1245 20090312	OLD3858C2 OLD-38-58-(C2)_20090608 20090608	OLD3859C NTC38G59C06182008 20080618	OLD3859C NTC38G59C06182008-D 20080618	OLD3859C OLD-38-59C_20080925 20080925	OLD3859C OLD-38-59C-1155 20081216	OLD3859C OLD-38-59C-0935 20090313
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U	1 U	0.27 U	0.27 U		10 U	10 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.35 I	2 U	0.22 I	0.29 U	0.29 U		20 U	20 U
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	0.26 U	0.26 U	10 U	10 U	10 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U	2 U	2 U	0.2 U	0.2 U		20 U	20 U
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	1.3 UR	1.3 UR	50 U	50 U	50 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U	1 U	0.2 U	0.2 U		10 U	10 U
ACETONE	67-64-1	6300	25 U	25 U	25 U	1.5 U	1.5 U	250 U	250 U	118 I
ACROLEIN	**107-02-8**	**3.5**	20 U	20 U	20 U	10 UR	10 UR		200 U	200 U
BENZENE	**71-43-2**	**1**	42.9	26	12.4	430	430	537	782	463
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	1.2 J	1.1 J	20 U	20 U	20 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	0.27 U	0.27 U	10 U	10 U	10 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	0.27 U	0.27 U	20 U	20 U	20 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	0.22 U	0.22 U	10 U	10 U	10 U
ETHYLBENZENE	**100-41-4**	**30**	7.6	6.7	9.1	3.6	2.8	10 U	10 U	10 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.58 I	0.76 I	1	1	0.86 J		10 U	10 U
M+P-XYLENES	TTNUS054	NC	2 U	2 U	2 U	0.71 U	0.71 U		20 U	20 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	7.5	9.6	4.6	28	25		51.2	35.2
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	5 U	0.27 U	0.27 U	36.2 I	50 U	48.7 IV
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U	1 U	0.26 U	0.26 U		10 U	10 U
N-PROPYLBENZENE	103-65-1	NC	2	2.1	2.7	1.4	1.2		10 U	10 U
NAPHTHALENE	**91-20-3**	**14**	1.1 I	2.6 I	2.8 I	0.27 U	0.27 U		50 U	50 U
O-XYLENE	95-47-6	NC	1 U	1 U	1 U	0.25 J	0.22 U		10 U	10 U
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U	1 U	0.2 U	0.2 U		10 U	10 U
STYRENE	100-42-5	100	1 U	1 U	1 U	0.2 U	0.2 U	10 U	10 U	10 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	0.2 U	0.2 U	10 U	4.6 I	10 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	0.26 U	0.26 U	10 U	10 U	10 U
TOTAL XYLENES	**1330-20-7**	**20**				0.71 U	0.71 U	30 U		
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	0.26 U	0.26 U	10 U	10 U	10 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	0.22 U	0.22 U	10 U	10 U	10 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC	884	1270	163					
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.24 U	0.09 J	0.06 J			
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10	0.1 U	0.1 U	0.08 I					
NITRITE-N (MG/L)	TTNUS496	1	0.081 I	0.1 U	0.1 U					
SULFATE (MG/L)	14808-79-8	250	12.2	8.5	14.3					

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[a]	OLD3859C OLD-SA38-59C_20090605 20090605	OLD3860C NTC38G60C06182008 20080618	OLD3860C OLD-38-60C_20080925 20080925	OLD3860C OLD-38-60C-1240 20081216	OLD3860C OLD-38-60C-1045 20090313	OLD3860C OLD-SA38-60C_20090605 20090605	OLD3861C NTC38G61C06182008 20080618	OLD3861C OLD-38-61C_20080925 20080925
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	5 U	0.27 U		1 U	1 U	1 U	0.27 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	10 U	0.29 U		2 U	2 U	2 U	0.29 U	
1,2-DICHLOROETHANE	107-06-2	3	5 U	0.26 U	1 U	1 U	1 U	1 U	0.26 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	10 U	0.2 U		2 U	2 U	2 U	0.2 U	
2-BUTANONE	78-93-3	4200	25 U	1.3 UR	5 U	5 U	5 U	5 U	1.3 UR	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	5 U	0.2 U		1 U	1 U	1 U	0.2 U	
ACETONE	67-64-1	6300	130 U	1.5 U	25 U	25 U	25 U	25 U	1.5 U	25 U
ACROLEIN	**107-02-8**	**3.5**	100 U	10 UR		20 U	20 U	20 U	10 UR	
BENZENE	**71-43-2**	**1**	257	0.46 J	1 U	1 U	1 U	1 U	0.3 U	1 U
CARBON DISULFIDE	75-15-0	700	10 U	1.9 J	0.42 I	2 U	2 U	2 U	0.22 U	2 U
CHLOROFORM	67-66-3	70	5 U	0.27 U	1 U	1 U	1 U	1 U	0.27 U	0.64 I
CHLOROMETHANE	74-87-3	2.7	10 U	0.27 U	2 U	2 U	2 U	2 U	0.27 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	5 U	0.22 U	1 U	1 U	1 U	1 U	0.22 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	5 U	0.25 U	1 U	1 U	1 U	1 U	0.25 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	5 U	0.4 U		1 U	1 U	1 U	0.4 U	
M+P-XYLENES	TTNUS054	NC	10 U	0.71 U		2 U	2 U	2 U	0.71 U	
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	12.4	0.27 U		1 U	1 U	1 U	0.27 U	
METHYLENE CHLORIDE	**75-09-2**	**5**	25 U	0.27 U	5 U	5 U	3.9 IV	5 U	0.27 U	5 U
N-BUTYLBENZENE	104-51-8	NC	5 U	0.26 U		1 U	1 U	1 U	0.26 U	
N-PROPYLBENZENE	103-65-1	NC	5 U	0.2 U		1 U	1 U	1 U	0.2 U	
NAPHTHALENE	**91-20-3**	**14**	25 U	0.27 U		5 U	5 U	5 U	0.27 U	
O-XYLENE	95-47-6	NC	5 U	0.22 U		1 U	1 U	1 U	0.22 U	
SEC-BUTYLBENZENE	135-98-8	NC	5 U	0.2 U		1 U	1 U	1 U	0.2 U	
STYRENE	100-42-5	100	5 U	0.2 U	1 U	1 U	1 U	1 U	0.2 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	5 U	0.2 U	1 U	1 U	1 U	1 U	0.2 U	1 U
TOLUENE	108-88-3	40	5 U	0.26 U	1 U	1 U	1 U	1 U	0.26 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**		0.71 U	3 U				0.71 U	3 U
TRICHLOROETHENE	79-01-6	3	5 U	0.26 U	1 U	1 U	1 U	1 U	0.26 U	1 U
VINYL CHLORIDE	75-01-4	1	5 U	0.22 U	1 U	1 U	1 U	1 U	0.22 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC								
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5		0.1 J					0.048 U	
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10								
NITRITE-N (MG/L)	TTNUS496	1								
SULFATE (MG/L)	14808-79-8	250								

TABLE 4-3
SUMMARY OF DETECTIONS - MONITORING WELLS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs[(a)]	OLD3861C OLD-38-61C-1229 20081216	OLD3861C OLD-38-61C-1000 20090313	OLD3861C OLD-SA38-61C_20090605 20090605	OLD3862D NTC38G62D06172008 20080617	OLD3862D OLD-38-62D_20080925 20080925	OLD3862D OLD-38-62D-1550 20081216	OLD3862D OLD-38-62D-1015 20090313	OLD3862D OLD-SA38-62D_20090605 20090605
Volatile Organics (ug/L)										
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U	1 U	0.27 U		1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U	2 U	0.29 U		0.27 I	2 U	2 U
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U	2 U	2 U	0.2 U		2 U	2 U	2 U
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	1.3 UR	5 U	5 U	5 U	5 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U	1 U	0.2 U		1 U	1 U	1 U
ACETONE	67-64-1	6300	25 U	25 U	25 U	1.5 U	25 U	25 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**	20 U	20 U	20 U	10 UR		20 U	8.6 I	20 U
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	16	37.2	12.7	1 U	0.67 I
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	1 J	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	0.27 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	0.27 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	0.22 U	1 U	1 U	1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	0.36 J	4	5.7	1 U	1 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U	1 U	0.4 U		0.91 I	0.46 I	0.54 I
M+P-XYLENES	TTNUS054	NC	2 U	2 U	2 U	0.71 U		2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	1 U	1 U	1 U	0.88 J		1 U	1 U	1 U
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	3.5 IV	5 U	0.27 U	5 U	5 U	4.1 IV	5 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U	1 U	0.26 U		1 U	2	1 U
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U	1 U	0.2 U		1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U	5 U	0.27 U		5 U	5 U	5 U
O-XYLENE	95-47-6	NC	1 U	1 U	1 U	0.22 U		1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U	1 U	0.2 U		1 U	1 U	1 U
STYRENE	100-42-5	100	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**				0.71 U	3 U			
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	0.22 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)										
METHANE	74-82-8	NC								
Petroleum Hydrocarbons (mg/L)										
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5				0.08 J				
Miscellaneous Parameters										
HYDROGEN (NM)	1333-74-0	NC								
NITRATE-N (MG/L)	TTNUS495	10								
NITRITE-N (MG/L)	TTNUS496	1								
SULFATE (MG/L)	14808-79-8	250								

Notes:
[(a)] Groundwater Cleanup Target Level [Development of Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, F.A.C., Febraury 2005].
Empty cells indicate parameter not analyzed.
GCTL - Groundwater Cleanup Target Level.
I qualifier indicates a value between the method detection limit and the reporting limit.
J qualifier indicates an estimated value.
mg/L - milligram per liter
µg/L - micrograms per liter.
NC - Indicates that a GCTL is not available.
R qualifier indicates a rejected value.
U qualifier indicates a non-detect value.
[1] Bold indicates concentration in at least one sample exceeded GCTL.
Values in shaded cells indicate detections.

TABLE 4-4
BENZENE IN GROUNDWATER ALONG PLUME CENTERLINE

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

BENZENE IN GROUNDWATER (ug/L)								
Distance, West to East (ft)	**0**	**150**	**320**	**655**	**765**	**935**	**1415**	**1865**
Sample Event	**38C**	**41C**	**43C**	**54C**	**48C**	**58C-2**	**59C**	**61C**
Sept-03	0.5	**609.5**	0.83	--	--	--	--	--
Mar-04	1	3.26	24.8	--	--	--	--	--
Jun-04	1	5.8	15.8	--	--	--	--	--
Sep-04	1	207	**346.5**	--	--	--	--	--
Sep-04	1	29.4	273	--	--	--	--	--
Dec-04	1.75	11.7	277	--	--	--	--	--
Mar-05	1.09	0.71	320	--	235	--	--	--
Jun-05	1.03	22.4	257	--	257.5	--	--	--
Sep-05	1	2.47	109.5	--	454	--	--	--
Dec-05	1.06	1.21	79.2	--	**4110**	--	--	--
Mar-06	1.04	0.14	41.8	--	1590	--	--	--
Jun-06	2.75	0.305	30	--	1630	--	--	--
Sept-06	0.48	0.305	27.8	--	1110	--	--	--
Dec-06	1.05	0.305	20	--	1090	--	--	--
Mar-07	0.7	0.305	5.29	--	663.5	--	--	--
Jun-07	0.54	0.305	2.96	8	372.5	--	--	--
Sept-07	0.67	0.305	1.36	--	261	**311**	--	--
Dec-07	0.52	0.305	2.985	24.2	109	146	--	--
Mar-08	0.46	0.305	0.68	64.9	17.83	7.6	--	--
Aug-08	0.67	1	0.43	26.2	62.3	62.2	430	0.3
Sept-08	0.59	1	1	3.6	41.8	39.8	537	1
Dec-08	1	1	0.7	1	15.1	42.9	**782**	1
Mar-09	1	1	1	1	8.2	26	463	1
Jun-09	1	1	1	1	3.2	12.4	257	1

Well 38C is located at former USTs, source of release.
Maximum concentration shown in bold.

TABLE 4-5
SUMMARY OF GEOCHEMICAL PARAMETERS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well	Sample Date	FIELD METER						FIELD TEST KIT							
		DO	temp	SEC	pH	ORP	turbidity	DO_Hach	CO2	Alkalinity	Fe^{+2}	H2S	Manganese	Sulfate	Sulfide
MW-38C	3/23/2004	1.4	24.8	248.2	5.81		87								
MW-38C	6/14/2004	0.27	25.97	0.269	5.52	-141.3	76.7								
MW-38C	9/12/2004	5.58	26.57	262	5.58	-203.4	53								
MW-38C	12/10/2004	0.23	26.08	493	5.66	-196.9	24.5								
MW-38C	3/10/2005	0.51	23.51	357	6.7	-194	22.9								
MW-38C	6/15/2005	0.57	27.28	493	5.43	-210.2	80.9								
MW-38C	9/13/2005	0.57	27.75	507	5.37	-15.5	10.4								
MW-38C	12/14/2005	0.85	26	399	5.18	95.9	5.79								
MW-38C	3/19/2006	0.35	24.86	445	5.6	47.5	13.6								
MW-38C	6/7/2006	0.4	25.99	294	4.97	-88.3	19.3								
MW-38C	9/15/2006	0.39	26.84	295	5.94	-121	11.9								
MW-38C	12/11/2006	0.56	24.73	343	5.77	-70.3	5.79								
MW-38C	3/4/2007	0.54	24.29	319	5.91	-172.8	5.27								
MW-38C	6/19/2007	0.88	26.29	494	6.07	-183.8	16.6								
MW-38C	9/14/2007	1.21	26.92	1347	5.76	-168.6	8.92								
MW-38C	12/11/2007	0.87	25.35	1982	5.96	-27.5	2.82								
MW-38C	3/20/2008	0.5	24.95	978	7.54	-29.9	6.8	0	250	76	0	.5	0	0	0
MW-38C	8/4/2008	0.11	80.08	859	6.19	-200	1.1	0.0	206	124.4	0	0	0	0	0
MW-38C	9/29/2008	0.31	26.62	1065	6.12	-173	16.2	0	260	0	0	0	0	0	.36
MW-38C	12/15/2008	4.43	25.21	1965	6.04	-201.7	-1.3	0	271.	0	0	.33	0	0	0
MW-38C	3/10/2009	0.06	24.83	789.3	6.41	94	3.2	0	295	208	0	0.33	0	0	0
MW-38C	6/3/2009	0.11	26.24	523.9	6.8	-156	9	0	151	152	0	0.34	0	0	0
MW-38C	9/15/2009	0.18	26.43	939.3	6.15	-61	2.9								
MW-39C	3/23/2004	3.5	23.7	335.5	6.78		40								
MW-39C	6/14/2004	0.99	25.78	0.096	6.08	63.3	8.36								
MW-39C	9/12/2004	0.4	26.99	459	5.47	81	4.37								
MW-39C	12/10/2004	1.83	25.83	677	6.07	-9.7	1.51								
MW-39C	3/10/2005	0.81	23.68	450	6.82	-26.2	1.37								
MW-39C	6/15/2005	0.7	28.09	759	5.87	-17.4	5.8								
MW-39C	9/13/2005	0.72	26.01	667	6.06	104.7	1.51								
MW-39C	12/14/2005	0.84	25.27	477	5.71	159	1.88								
MW-39C	3/19/2006	0.37	25.13	602	6.11	113.2	4.16								
MW-39C	6/7/2006	0.55	25.85	370	6.27	64.4	4.68								
MW-39C	9/15/2006	0.35	26.04	333	6.12	-16	1.13								
MW-39C	12/11/2006	0.93	23.75	421	6.06	24.5	0.92								
MW-39C	3/4/2007	0.96	24.43	451	6.13	58.4	1.22								
MW-39C	6/19/2007	0.47	25.63	408	5.95	11.9	1.65								
MW-39C	9/14/2007	0.99	27.89	381	5.96	41.7	8.29								
MW-39C	12/11/2007	0.66	26.45	395	6.08	15.8	1.81								
MW-39C	3/23/2008	0.86	25.18	422	5.36	114	1.96	0	123	380	3.4	0.1	0	0	0
MW-39C	8/4/2008	0.15	28.29	307	5.92	253	0.3	2.62	75	40	0	0	0	0	0
MW-39C	9/30/2008	0.02	25.77	334.6	6.23	49	0.5	2.5	100	0	0	0	0	0	0

TABLE 4-5
SUMMARY OF GEOCHEMICAL PARAMETERS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well	Sample Date	FIELD METER						FIELD TEST KIT							
		DO	temp	SEC	pH	ORP	turbidity	DO_Hach	CO2	Alkalinity	Fe^{+2}	H2S	Manganese	Sulfate	Sulfide
MW-39C	12/12/2008	0.03	23.96	290.1	6.08	103	1.3	2.34	120	85	0	0	0	0	0
MW-39C	3/10/2009	0.37	25.92	317.6	6.27	159	1.3	2.14	116	60	0	0	0	0	0
MW-39C	6/3/2009	0.09	26.19	344	6.53	82	2.4	1.87	123	72	0	0	0	0	0
MW-39C	6/3/2009	0.09	26.19	344	6.53	82	2.4	1.87	123	72	0	0	0	0	0
MW-39C	9/15/2009	0.21	27.61	322	6.03	61	4.1								
MW-40D	3/23/2004		23.59	143	10.9	-306	1000								
MW-40D	6/14/2004	0.18	26.05	725	9.08	-165	239								
MW-41C	3/23/2004		24.22	891	9.33	-32	25.8								
MW-41C	6/14/2004	7.19	33.07	19	7.49	100	15								
MW-41C	9/12/2004	0.12	26.44	315	7.07	-199	6.43								
MW-41C	12/10/2004	0.25	25.68	425	6.41	-200.3	4.82								
MW-41C	3/10/2005	0.43	23.5	361	7.17	-338.8	8.26								
MW-41C	6/15/2005	0.27	25.31	573	6.45	-156	4.5								
MW-41C	9/13/2005	0.52	26.79	728	6.91	-234.7	1.82								
MW-41C	12/14/2005	0.44	25.38	279	9.47	-102.7	21.8								
MW-41C	3/19/2006	1.22	23.31	410	9.6	-25	6.09								
MW-41C	6/6/2006	0.44	25.59	386	6.26	-72.9	2								
MW-41C	9/15/2006	1.19	28.16	309	6.12	-30.4	5.71								
MW-41C	12/11/2006	0.58	24.8	253	6.41	-63.4	2.98								
MW-41C	3/4/2007	2.08	24.28	213	6.3	77.2	2.43								
MW-41C	6/19/2007	0.44	26.92	243	9.69	-115.7	1.63								
MW-41C	9/14/2007	0.38	28.82	232	9.12	-30.8	1.27								
MW-41C	12/11/2007	0.71	25.85	308	6.75	-36.9	5.62								
MW-41C	3/20/2008	1.23	24.6	210	9.33	-66.1	2.78	30	32	20	0	.1	0	0	0
MW-41C	8/4/2008	0.19	26.19	207	7.49	61.1	1.2	2.96	16.8	12	1.4	.13	0	0	0
MW-41C	9/29/2008	1.89	26.37	273	7.28	-100.7	-1.7	1.9	58.8	18.6	0.8	0.22	0	0	0
MW-41C	12/12/2008	2.77	22.23	219.7	9.86	20	0.6	2.64	171	60.8	0	.05	0	0	0
MW-41C	3/11/2009	1.34	23.12	249	6.96	5	16.5	2.60	160	85	0	0	0	0	0
MW-41C	6/4/2009	0.01	26.19	292.1	7.6	-94	20.4	1.8	82	94	0	0	0	0	0
MW-41C	6/4/2009	0.01	26.19	292.1	7.6	-94	20.4	1.8	82	94	0	0	0	0	0
MW-41C	9/16/2009	0.03	27.13	199.6	6.36	-56	16.2								
MW-42C	3/23/2004	1.6	23	99.6	4.96		158								
MW-42C	6/14/2004	1.42	25.97	110	4.56	16	131								
MW-42C	9/12/2004	0.32	26.37	101	5.12	-119.3	65.9								
MW-42C	12/10/2004	0.33	25.51	160	5.18	-68.7	83.2								
MW-42C	3/10/2005	0.34	23.55	88	5.72	-49.4	92.1								
MW-42C	6/15/2005	0.53	26.33	128	4.26	-86.2	67.2								
MW-42C	9/12/2005	0.7	27.65	145	4.65	-40.9	70.9								
MW-42C	12/14/2005	0.75	24.03	112	5.41	128.5	67.4								
MW-42C	3/19/2006	0.36	24.45	149	4.88	44.8	203								
MW-42C	6/6/2006	2.74	25.97	627	5.16	108.4	62.4								
MW-42C	9/15/2006	0.32	27.03	125	4.1	-0.5	96.7								

TABLE 4-5
SUMMARY OF GEOCHEMICAL PARAMETERS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well	Sample Date	FIELD METER						FIELD TEST KIT							
		DO	temp	SEC	pH	ORP	turbidity	DO_Hach	CO2	Alkalinity	Fe^{+2}	H2S	Manganese	Sulfate	Sulfide
MW-42C	12/11/2006	0.64	23.85	82	5.05	25.6	80.1								
MW-42C	3/4/2007	0.42	24.56	66	2.29	74.7	62.5								
MW-42C	6/19/2007	0.42	25.51	70	4.97	-16.7	51.8								
MW-42C	9/14/2007	0.65	28.76	73	5.16	6.4	59.1								
MW-42C	12/11/2007	0.69	25.66	80	5.08	-13.2	50.6								
MW-42C	3/23/2008	0.97	23.86	82	3.18	103.9	44	0	102	20	1.6	.1	0	0	0
MW-42C	8/4/2008	0.5	78.6	77.18	5.26	-112	74.1	0.48	95.6	3.8	1.2	0	0	0	0
MW-42C	9/30/2008	0.04	26.03	76.54	5.53	-38	59.2	1.2	151	0	1	0	0	0	0.05
MW-42C	12/15/2008	1.6	24.56	85	5.56	-122.6	31.1	1.81	106.0	0	1.0	0	0	0	0
MW-42C	3/11/2009	0.02	24.56	73.38	5.4	47	35.7	1.42	110	4	0	.05	0	0	0
MW-42C	6/4/2009	0	24.9	66.83	6.01	36	15.3	1.8	70	15	0.4	0	0	0	0
MW-42C	6/4/2009	0	24.9	66.83	6.01	36	15.3	1.8	70	15	0.4	0	0	0	0
MW-42C	9/15/2009	0.24	27.26	111	5.62	12	23.8								
MW-43C	3/23/2004		23.8	433	5.66	-126	1000								
MW-43C	6/14/2004	0.19	26.02	113	5.01	-182	702								
MW-43C	9/12/2004	0.11	26.36	117	6.07	-147	584								
MW-43C	12/10/2004	0.23	25.71	225	5.43	-178.6	572								
MW-43C	3/10/2005	0.2	24.35	151	5.13	-454.7	245								
MW-43C	6/15/2005	0.19	25.75	186	5.07	-156.9	362								
MW-43C	9/13/2005	0.57	26.25	235	5.73	-220	229								
MW-43C	12/14/2005	0.44	24.67	167	6	-102.7	134								
MW-43C	3/19/2006	0.32	23.8	276	5.49	23.1	158								
MW-43C	6/6/2006														
MW-43C	9/15/2006	0.31	27.21	195	5.18	-195.2	111								
MW-43C	12/11/2006	0.35	25.57	267	6.57	-241	48								
MW-43C	3/4/2007	0.38	24.79	272	6.83	-214.6	33.4								
MW-43C	6/19/2007	0.3	25.52	319	6.98	-166.5	28.3								
MW-43C	9/14/2007	0.61	27.26	252	7.01	-208.4	8.67								
MW-43C	12/11/2007	0.57	25.99	326	6.92	-113.9	30.3								
MW-43C	3/23/2008	0.74	24.36	230	5.52	48.1	7.87	0	54	240	.8	.1	0	0	0
MW-43C	8/4/2008	0.59	26.06	89	6.7	1.5	63.1	0	49.6	3.0	0	1.43 mg/l	0	0	0
MW-43C	9/30/2008	0.92	25.42	154	7.36	-235.2	45.5	0	56.	2.23	0.8	1.	0	0	0
MW-43C	12/12/2008	1.77	22.19	186	6.54	-265.3	54.1	0	136	17.5	0.8	1.0	0	0	0
MW-43C	3/10/2009	0.73	25.75	194	6.84	-189.3	0.3	0	215	53.6	0.5	4.5	0	0	0
MW-43C	6/3/2009	0.9	26.98	138	6.64	-129.6	10.2	0	192	31.9	0	2.12	0	0	0
MW-43C	6/3/2009	0.9	26.98	138	6.64	-129.6	10.2	0	192	31.9	0	2.12	0	0	0
MW-43C	9/15/2009	0.53	26.62	168	6.57	172.5	84								
MW-44C	3/23/2004	1.5	23.9	54.1	4.89		285								
MW-44C	6/14/2004	0.28	26.38	0.059	5.05	-113.7	654								
MW-44C	9/12/2004	0.31	26.59	52	4.8	-147.5	68.3								
MW-44C	12/10/2004	0.22	25.8	99	4.84	-148.4	78.1								
MW-44C	3/10/2005	0.41	23.18	84	5.82	-91.2	217								

TABLE 4-5
SUMMARY OF GEOCHEMICAL PARAMETERS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well	Sample Date	FIELD METER						FIELD TEST KIT							
		DO	temp	SEC	pH	ORP	turbidity	DO_Hach	CO2	Alkalinity	Fe^{+2}	H2S	Manganese	Sulfate	Sulfide
MW-44C	6/15/2005	0.55	26.52	111	4.31	-119	76.7								
MW-44C	9/12/2005	0.62	29.58	88	4.17	-97.2	165								
MW-44C	12/14/2005	0.95	23.88	100	4.94	80.9	162								
MW-44C	3/19/2006	0.39	24.97	132	4.82	3.7									
MW-44C	6/7/2006	0.41	27.81	68	4.89	-136.2	37.4								
MW-44C	9/15/2006	0.55	28.35	66	3.7	-84.3	23.3								
MW-44C	12/11/2006	0.45	24.83	64	4.99	-81.9	18.1								
MW-44C	3/4/2007	0.66	22.76	87	5.2	-122.9	16.7								
MW-44C	6/19/2007	0.83	26.99	69	4.83	-70.6	25.3								
MW-44C	9/14/2007	0.65	27.9	67	4.51	26.5	9.64								
MW-44C	12/11/2007	1.9	26.16	81	4.81	-106	6								
MW-44C	3/23/2008	1.22	25.75	91	24.28	-419.5	3.93	26	64	5	3.2	.1	0	0	0
MW-44C	8/5/2008	0.39	77.82	84.22	4.72	-72	8.1	.334	56.8	3.6	1.2	0.34	0	0	0
MW-44C	9/30/2008	0.17	26.52	84.21	4.56	6	4.3	1.56	203	0	1.4	0	O	0	.1
MW-44C	12/15/2008	7.76	28.52	1.266	4.96	251	-0.1	.68	60	0	0	0	0	0	0
MW-44C	3/11/2009	1.49	24.02	87	5.06	-35.7	0.1	2.13	182	23.6	0.8	0.21	0	0	0
MW-44C	6/4/2009	0.7	25.4	86	4.43	-65	1.5	1.19	153	124	1.0	0.42	0	0	0
MW-44C	6/4/2009	0.7	25.4	86	4.43	-65	1.5	1.19	153	124	1.0	0.42	0	0	0
MW-44C	9/16/2009	0.02	27.44	82.43	4.89	78	3								
MW-45C	12/10/2004	0.56	25.8	318	5.69	-34.3	34.2								
MW-45C	3/10/2005	0.54	23.91	232	5.8	-298	21								
MW-45C	6/15/2005	0.36	27.43	347	5.73	-48.5	13.6								
MW-45C	9/12/2005	0.54	29.78	242	5.28	47.5	5.5								
MW-45C	12/14/2005	0.53	25.23	192	5.87	99.1	7.59								
MW-45C	3/19/2006	0.78	25.02	274	5.11	54.8	4.81								
MW-45C	6/7/2006	0.79	26.14	157	5.75	-72.2	2.96								
MW-45C	9/15/2006	0.64	28.72	123	4.38	-95.5	5.19								
MW-45C	12/11/2006	0.4	25.54	137	5.38	69.3	3.69								
MW-45C	3/4/2007	1.7	24.63	119	2.82	78.2	2.05								
MW-45C	6/19/2007	0.11	27.28	139	4.62	53.7	3.11								
MW-45C	9/14/2007	1.44	29.79	143	4.6	94.1	5.96								
MW-45C	12/11/2007	0.64	26.15	139	5.26	68	7.79								
MW-45C	3/20/2008	2.42	25.22	157	5	-52.8	6.17	3.4	193	20	1.4	0	0	0	0
MW-45C	8/5/2008	0.12	27	143	4.61	220.4	7.7	1.79	139.4	71.6	1.9	0	0	0	0
MW-45C	9/30/2008	2.28	26.73	149	5.2	38.6	13.2	1.6	251.	14.8	1.6	0	0	0	0
MW-45C	12/15/2008	0	25.34	135.4	4.67	188	6.3	1.16	148.4	0	1.1	.1	0	0	0
MW-45C	3/10/2009	1.29	25.63	149	5.15	130	0.1	2.62	327	15.5	1.6	0	0	0	0
MW-45C	6/4/2009	1.19	26.02	108	5.23	159.3	5.6	1.71	176	147	1.0	0	0	0	0
MW-45C	6/4/2009	1.19	26.02	108	5.23	159.3	5.6	1.71	176	147	1.0	0	0	0	0
MW-45C	9/15/2009	2.33	28.79	58	6.3	93.8	3.39								
MW-46D	12/10/2004	0.93	26.59	369	5	-0.9	5.44								
MW-46D	3/10/2005	3.4	23.17	235	4.43	-136.2	3.21								

TABLE 4-5
SUMMARY OF GEOCHEMICAL PARAMETERS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well	Sample Date	FIELD METER						FIELD TEST KIT							
		DO	temp	SEC	pH	ORP	turbidity	DO_Hach	CO2	Alkalinity	Fe^{+2}	H2S	Manganese	Sulfate	Sulfide
MW-46D	6/18/2005	0.67	26.31	371	4.15	334	2.56								
MW-46D	9/13/2005	0.62	28.33	392	4.44	86.3	0.79								
MW-46D	12/14/2005	0.51	25.53	252	4.47	106.2	3.2								
MW-46D	3/19/2006	0.98	23.33	340	4.64	97.3	3.26								
MW-46D	6/6/2006	0.44	26.87	392	3.16	167.3	3.06								
MW-46D	9/15/2006	0.31	28.2	192	3.17	59.7	1.6								
MW-46D	12/11/2006	0.62	25.04	214	4.36	53.5	0.53								
MW-46D	3/4/2007	0.82	24.71	182	3.65	58.9	1.32								
MW-46D	6/19/2007	0.11	26.71	177	3.19	70.9	1.41								
MW-46D	9/14/2007	0.86	28.28	201	4.84	80.1	0.83								
MW-46D	12/11/2007	0.65	26.26	182	4.67	44	0.87								
MW-46D	3/20/2008	2.98	25.38	195	4.57	-56.2	2.48	26	66	20	1.2	.3	0	0	0
MW-46D	8/4/2008	0.5	79.44	193.5	4.63	291	0	0.47	34	1.8	0.7	0.12	0	0	0
MW-46D	9/29/2008	2.4	26.66	206	4.73	19.6	-3	1.14	93.8	2.3	1.	0.28	0	0	0
MW-46D	12/12/2008	0.02	23.54	177.4	4.55	96	6.3	0.5	115.6	1.0	1	.25	0	0	0
MW-46D	3/11/2009	2.87	24.21	183	4.64	165	1.7	3.53	139	0	1.2	0	0	0	0
MW-46D	6/4/2009	0.48	25.77	203	4.77	360	1.5	1.95	137	0	0	0	0	0	0
MW-46D	6/4/2009	0.48	25.77	203	4.77	360	1.5	1.95	137	0	0	0	0	0	0
MW-46D	9/15/2009	0.83	27.24	211	4.27	-10.3	3.04								
MW-47C	9/12/2005	0.84	30.15	216	4.75	-101.3	185								
MW-47C	12/14/2005	0.94	24.26	195	4.71	119.4	128								
MW-47C	3/19/2006	0.81	25.41	247	4.79	168.5	59.9								
MW-47C	6/7/2006	0.48	27.37	138	3.7	-61.3	70.3								
MW-47C	9/15/2006	0.84	27.68	119	3.49	-84.2	55.1								
MW-47C	12/11/2006	0.59	25.26	114	4.69	8.2	22.2								
MW-47C	3/4/2007	1.16	24.32	103	4.26	54.9	155								
MW-47C	6/19/2007	0.2	27.47	108	4.51	42.6	9.12								
MW-47C	9/14/2007	0.7	29.37	110	4.63	68.5	156								
MW-47C	12/11/2007	2.02	26.07	126	4.7	-53.6	8.37								
MW-47C	3/20/2008	2.63	24.59	122	4.54	-62.5	8.85	2.8	120	0	1.8	.4	0	0	0
MW-47C	8/5/2008	0.37	79.63	109.6	4.75	13	23.5	.37	25.4	39.2	1.6	0.05	0	0	0
MW-47C	9/30/2008	2.59	26.88	112	4.6	31.8	13.6	1.18	88.6	18.5	1.4	0.1	0	0	0
MW-47C	12/12/2008	1.91	22.52	103	4.7	-33.7	30.9	2.32	117.0	0	1.4	0	0	0	0
MW-47C	3/11/2009	1.25	24.57	109	4.88	83.3	0.1	2.36	143	15.1	0.4	0.05	0	0	0
MW-47C	6/4/2009	1	25.37	103	4.1	25.5	4	1.82	176	149	2.4	0	0	0	0
MW-47C	6/4/2009	1	25.37	103	4.1	25.5	4	1.82	176	149	2.4	0	0	0	0
MW-47C	9/16/2009	0.43	27.55	114	3.96	181.4	2.73								
MW-48C	9/12/2005	0.15	27.9	195	5.6	-45.9	34.2								
MW-48C	12/14/2005	0.51	23.58	117	5.37	-59	12.9								
MW-48C	3/19/2006	0.42	25.4	175	5.08	-79.1	6.61								
MW-48C	6/7/2006	0.51	27.62	89	3.57	-93.2	2.8								
MW-48C	9/15/2006	0.85	26.63	75	4.55	-109.2	4.41								

TABLE 4-5
SUMMARY OF GEOCHEMICAL PARAMETERS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well	Sample Date	FIELD METER						FIELD TEST KIT							
		DO	temp	SEC	pH	ORP	turbidity	DO_Hach	CO2	Alkalinity	Fe^{+2}	H2S	Manganese	Sulfate	Sulfide
MW-48C	12/11/2006	0.51	23.84	71	4.79	-118.3	3.48								
MW-48C	3/4/2007	0.98	22.1	77	4.13	-12.2	28.1								
MW-48C	6/19/2007	0.92	27.1	81	4.51	-93.5	3.77								
MW-48C	9/14/2007	0.77	28.12	113	5.31	-53.4	27.9								
MW-48C	12/11/2007	2.06	24.32	132	4.82	-144.1	2.63								
MW-48C	3/20/2008	2.27	26.1	148	4.54	-132	4.62	20	50	2	.8	.5	0	0	0
MW-48C	8/5/2008	-0.47	27.28	131	4.36	85.8	0.4	0	163.8	84.8	0.9	1.325	0	0	0
MW-48C	9/30/2008	2.46	26.54	151	4.73	-66.9	2.3	0.47	208.	34.8	0.8	2.0	0	0	0
MW-48C	12/12/2008	2.68	23.16	156	4.9	-109.1	13.2	1.68	124	0	1.2	.15	0	0	0
MW-48C	3/11/2009	1.34	23.73	160	5.01	-89.7	0.1	1.13	274	15.4	0.25	0.64	0	0	0
MW-48C	6/3/2009	0.8	26.34	165	4.52	-83.6	1.8	0	363	14.5	1.0	3.18	0	0	0
MW-48C	6/3/2009	0.8	26.34	165	4.52	-83.6	1.8	0	363	14.5	1.0	3.18	0	0	0
MW-48C	9/16/2009	0.68	29.23	165	4.22	170.1	2.97								
OLD-38-49D	12/15/2008	0.01	25	192.8	5.1	-20	4.4	0	0	0	0	0	0	0	0
OLD-38-49D	6/5/2009	0.6	27.76	202	4.95	-95.5	144	0	0	0	0	0	0	0	0
OLD-38-49D	9/24/2008	0.37	27.43	202	5.02	73.5	42.66	0	0	0	0	0	0	0	0
OLD-38-49D	12/11/2007	0.49	25.8	196	5.07	-10.3	6.78								
OLD-38-49D	7/28/2008	0.11	28.52	192	4.78	133.7	38.5	0	0	0	0	0	0	0	0
OLD-38-49D	9/14/2009	0.41	27.66	216	4.56	173.7	8.17								
OLD-38-49D	3/12/2009	1.06	24.3	208	5.46	-110.3	0.1	0	0	0	0	0	0	0	0
OLD-38-49D	3/22/2008	0.8	24.53	233	10.9	-198.1	4.52	0	0	0	0	0	0	0	0
OLD-38-49D	6/5/2009	0.6	27.76	202	4.95	-95.5	144	0	0	0	0	0	0	0	0
OLD-38-50C	6/5/2009	1.03	25.64	149	4.2	-46.5	2	0	0	0	0	0	0	0	0
OLD-38-50C	3/22/2008	0.96	24.28	129	9.63	-92.8	21.9	0	0	0	0	0	0	0	0
OLD-38-50C	3/12/2009	0	24.73	147.1	4.69	103	5.7	0	0	0	0	0	0	0	0
OLD-38-50C	6/5/2009	1.03	25.64	149	4.2	-46.5	2	0	0	0	0	0	0	0	0
OLD-38-50C	9/14/2009	0.82	26.64	173	4.09	174.8	3.13								
OLD-38-50C	9/24/2008	0.35	26.09	114	4.4	81.7	15.86	0	0	0	0	0	0	0	0
OLD-38-50C	7/28/2008	0.94	27.41	125	4.56	125.9	6.1	0	0	0	0	0	0	0	0
OLD-38-50C	12/11/2007	0.38	25.54	123	4.6	13	16.8								
OLD-38-50C	12/15/2008	0.03	25.64	118.6	4.55	53	4.4	0	0	0	0	0	0	0	0
OLD-38-51D	9/14/2009	0.36	26.73	209	4.06	178.5	4.87								
OLD-38-51D	12/11/2007	1.12	25.57	172	5.16	-31.8	9.17								
OLD-38-51D	6/5/2009	0.6	25.74	215	4.33	-67.7	4.7	0	0	0	0	0	0	0	0
OLD-38-51D	12/15/2008	0.06	25.69	196.6	4.47	16	0.5	0	0	0	0	0	0	0	0
OLD-38-51D	3/12/2009	0.01	24.88	216.9	4.6	94	11.2	0	0	0	0	0	0	0	0
OLD-38-51D	7/28/2008	0.2	27.39	173	4.3	131	12.5	0	0	0	0	0	0	0	0
OLD-38-51D	3/22/2008	0.73	25.2	171	11.19	-516.9	55.5	0	0	0	0	0	0	0	0
OLD-38-51D	6/5/2009	0.6	25.74	215	4.33	-67.7	4.7	0	0	0	0	0	0	0	0
OLD-38-51D	9/24/2008	0.33	26.19	186	4.43	36.9	17.28	0	0	0	0	0	0	0	0
OLD-38-52C	3/22/2008	0.94	25.64	286	11.91	-363.1	13.5	0	0	0	0	0	0	0	0
OLD-38-52C	6/5/2009	0.03	26.28	259.1	4.88	71	1.3	0	0	0	0	0	0	0	0

TABLE 4-5
SUMMARY OF GEOCHEMICAL PARAMETERS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well	Sample Date	FIELD METER						FIELD TEST KIT							
		DO	temp	SEC	pH	ORP	turbidity	DO_Hach	CO2	Alkalinity	Fe^{+2}	H2S	Manganese	Sulfate	Sulfide
OLD-38-52C	9/14/2009	0.16	27.65	277.7	4.42	139	0.6								
OLD-38-52C	3/12/2009	0.06	25.42	234.3	4.65	120	4.2	0	0	0	0	0	0	0	0
OLD-38-52C	12/11/2007	0.7	25.43	212	4.91	80.4	3.9								
OLD-38-52C	12/15/2008	2.19	25.56	235	4.61	-29.8	0.1	0	0	0	0	0	0	0	0
OLD-38-52C	6/5/2009	0.03	26.28	259.1	4.88	71	1.3	0	0	0	0	0	0	0	0
OLD-38-52C	9/24/2008	0.32	26.52	221	4.46	70.9	6.37	0	0	0	0	0	0	0	0
OLD-38-52C	7/28/2008	0.35	81.72	235.5	4.68	14	0.4	0	0	0	0	0	0	0	0
OLD-38-53D	7/28/2008	0.4	80.83	246.4	4.65	-37	-0.3	0	0	0	0	0	0	0	0
OLD-38-53D	6/5/2009	0.01	26.44	253.4	4.89	77	7.4	0	0	0	0	0	0	0	0
OLD-38-53D	3/22/2008	1.29	24.23	328	8.51	-142	2.57	0	0	0	0	0	0	0	0
OLD-38-53D	12/11/2007	0.7	25.77	252	4.57	100.5	1.06								
OLD-38-53D	9/24/2008	0.33	26.32	213	4.4	69.7	10.99	0	0	0	0	0	0	0	0
OLD-38-53D	6/5/2009	0.01	26.44	253.4	4.89	77	7.4	0	0	0	0	0	0	0	0
OLD-38-53D	12/15/2008	2.18	25.46	214	4.61	-20.3	1.8	0	0	0	0	0	0	0	0
OLD-38-53D	3/12/2009	0.04	25.35	224.9	4.66	130	3.6	0	0	0	0	0	0	0	0
OLD-38-53D	9/14/2009	0.15	27.18	273.7	4.47	139	0.3								
OLD-38-54C	7/28/2008	0.57	28.35	101	4.61	108.9	29.2	0	0	0	0	0	0	0	0
OLD-38-54C	9/14/2009	0.09	27.08	118.4	4.68	103	0.5								
OLD-38-54C	6/8/2009	0.01	25.79	105.4	5.04	21	4.5								
OLD-38-54C	12/11/2007	0.41	26.72	122	5.21	33.6	24								
OLD-38-54C	9/25/2008	2.92	27.54	114	5.04	-23.8	2.9	0	0	0	0	0	0	0	0
OLD-38-54C	3/12/2009	0.06	25.14	110	5.48	-55	0.1	0	0	0	0	0	0	0	0
OLD-38-54C	3/23/2008	1.01	26.32	126	24.69	-429.9	13.9	0	89	5	2	.3	0	0	0
OLD-38-54C	12/16/2008	0.01	25.33	96.51	4.72	46	3	0	0	0	0	0	0	0	0
OLD-38-55D	6/5/2009	0.01	26.38	157.1	5.25	-2	14.5								
OLD-38-55D	3/22/2008	1	25.39	157	12.53	-374.4	292	0	0	0	0	0	0	0	0
OLD-38-55D	9/24/2008	0.39	26.88	127	4.9	70	246	0	0	0	0	0	0	0	0
OLD-38-55D	7/28/2008	0.72	28.67	136	4.92	90.7	433	0	0	0	0	0	0	0	0
OLD-38-55D	12/15/2008	2.09	25.6	148	5.02	-95.7	60.8	0	0	0	0	0	0	0	0
OLD-38-55D	9/14/2009	0.2	27.23	140	4.94	58	8.8								
OLD-38-55D	12/11/2007	0.44	26.71	195	5.46	-57.7	223								
OLD-38-55D	3/12/2009	0.04	25.32	157	5.87	-84.9	4.3	0	0	0	0	0	0	0	0
OLD-38-56C	12/11/2007	0.72	23.93	107	4.32	141.8	11.9								
OLD-38-56C	9/14/2009	0.01	26.85	122.1	4.37	150	1.6								
OLD-38-56C	3/23/2008	1.01	26.04	136	24.14	-414.2	23.4	6	39	10	1.8	.1	0	0	0
OLD-38-56C	6/8/2009	0	25.94	118	4.62	88	0.4								
OLD-38-56C	12/16/2008	0	24.61	109.6	4.31	107	4.1	0	0	0	0	0	0	0	0
OLD-38-56C	3/12/2009	0.01	25.1	113.3	4.47	150	4.2	0	0	0	0	0	0	0	0
OLD-38-56C	6/8/2009	0	25.94	118	4.62	88	0.4								
OLD-38-56C	9/25/2008	2.65	27.25	121	4.31	72.4	0.2	0	0	0	0	0	0	0	0
OLD-38-56C	7/28/2008	0.25	82.94	120.9	4.48	-40	3.8	0	0	0	0	0	0	0	0
OLD-38-58 (C-1)	12/16/2008	2.91	23.76	650	6.49	-210.7	-2.6	0	0	0	0	0	0	0	0

TABLE 4-5
SUMMARY OF GEOCHEMICAL PARAMETERS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well	Sample Date	FIELD METER						FIELD TEST KIT							
		DO	temp	SEC	pH	ORP	turbidity	DO_Hach	CO2	Alkalinity	Fe^{+2}	H2S	Manganese	Sulfate	Sulfide
OLD-38-58 (C-1)	9/14/2009	0.37	27.35	664	5.98	169.1	1.35								
OLD-38-58 (C-1)	3/23/2008	2.61	24.7	741	7.49	-66.5	4.35	0	458	250	.1	1	0	0	0
OLD-38-58 (C-1)	12/11/2007	0.27	26.35	606	6.23	-114.3	9.48								
OLD-38-58 (C-1)	6/8/2009	0.09	25.98	650.6	6.61	-163	0.1								
OLD-38-58 (C-1)	3/12/2009	0.06	24.14	686	6.62	-201.1	0.1	0	0	0	0	0	0	0	0
OLD-38-58 (C-1)	7/29/2008	-2.81	28.19	611	6.12	-36.3	2.8	0	0	0	0	0	0	0	0
OLD-38-58 (C-1)	9/25/2008	2.97	26.67	676	6.58	-161.5	-1.1	0	0	0	0	0	0	0	0
OLD-38-58 (C-2)	12/16/2008	2.38	24.39	504	6.39	-163.8	0.7	0	0	0	0	0	0	0	0
OLD-38-58 (C-2)	3/12/2009	0.02	24.25	464	6.55	-150.8	0.1	0	0	0	0	0	0	0	0
OLD-38-58 (C-2)	3/23/2008	0.84	24.68	623	7.36	-8.6	7.92	0	302	225	6	.1	0	0	0
OLD-38-58 (C-2)	6/8/2009	0.01	26.45	425.7	6.44	-113	4.6								
OLD-38-58 (C-2)	12/11/2007	0.79	26.82	419	5.86	-73.3	11.5								
OLD-38-58 (C-2)	6/8/2009	0.01	26.45	425.7	6.44	-113	4.6								
OLD-38-58 (C-2)	9/25/2008	3.32	27.14	542	6.54	-110.7	-2.2	0	0	0	0	0	0	0	0
OLD-38-58 (C-2)	7/29/2008	0.2	28.42	471	5.99	60.8	2.9	0	0	0	0	0	0	0	0
OLD-38-58 (C-2)	9/14/2009	0.5	27.58	514	5.82	175.2	2.68								
OLD-38-59C	3/13/2009	1.21	23.71	122	5.59	-117	0.1	0	0	0	0	0	0	0	0
OLD-38-59C	9/14/2009	0.42	27.47	107	4.74	178.3	2.14								
OLD-38-59C	6/5/2009	0.5	26.54	124	4.34	-82	0.3	0	0	0	0	0	0	0	0
OLD-38-59C	9/25/2008	0.29	26.45	112	4.46	73.2	4.77	0	0	0	0	0	0	0	0
OLD-38-59C	6/5/2009	0.5	26.54	124	4.34	-82	0.3	0	0	0	0	0	0	0	0
OLD-38-59C	12/16/2008	1.41	25.24	121	5.21	-90.7	1.2	0	0	0	0	0	0	0	0
OLD-38-60C	9/25/2008	0.44	26.6	186	4.54	89.3	12.47	0	0	0	0	0	0	0	0
OLD-38-60C	6/5/2009	0.1	26.69	196.3	4.87	24	2.2	0	0	0	0	0	0	0	0
OLD-38-60C	9/25/2008	0.44	26.6	186	4.54	89.3	12.47	0	0	0	0	0	0	0	0
OLD-38-60C	9/14/2009	0.06	27.35	218.8	4.55	108	0.6								
OLD-38-60C	12/16/2008	1.1	24.62	202	4.78	-71.8	0.1	0	0	0	0	0	0	0	0
OLD-38-60C	3/13/2009	0.03	24.41	186	4.73	58	3.1	0	0	0	0	0	0	0	0
OLD-38-60C	6/5/2009	0.1	26.69	196.3	4.87	24	2.2	0	0	0	0	0	0	0	0
OLD-38-61C	9/25/2008	0.32	27.45	179	5.66	96.5	0.69	0	0	0	0	0	0	0	0
OLD-38-61C	3/13/2009	0.09	24.32	185.9	5.74	15	1.3	0	0	0	0	0	0	0	0
OLD-38-61C	12/16/2008	0.11	26.13	169.8	5.69	-56	0.9	0	0	0	0	0	0	0	0
OLD-38-61C	9/14/2009	0.08	28.52	160.3	5.41	41	2.5								
OLD-38-61C	6/5/2009	0.03	26.6	190.4	5.96	-47	0.7	0	0	0	0	0	0	0	0
OLD-38-62D	6/5/2009	0.5	26.72	192	4.93	-109.2	2.8	0	0	0	0	0	0	0	0
OLD-38-62D	3/13/2009	0.35	24.26	206	5.4	-87.1	0.1	0	0	0	0	0	0	0	0
OLD-38-62D	6/5/2009	0.5	26.72	192	4.93	-109.2	2.8	0	0	0	0	0	0	0	0
OLD-38-62D	12/16/2008	0.48	25.02	198	5.11	-99.6	37.8	0	0	0	0	0	0	0	0
OLD-38-62D	9/25/2008	0.47	26.28	183	4.88	95.6	16.23	0	0	0	0	0	0	0	0
OLD-38-62D	9/14/2009	4.7	27.01	200	4.43	182.6	6.02								

TABLE 5-1
HISTORICAL AND CURRENT MAXIMUM DETECTIONS COMPARISON TO CLEANUP TARGET LEVELS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Detected Chemical Name (Laboratory)	GCTL[a] (ug/L)	FSWCTL[a] (ug/L)	Historical Maximum					Septmeber 2008 to June 2009 Maximum				
			Well ID	Date	(ug/L)	>GCTL	>FSWCTL	Well ID	Date	(ug/L)	>GCTL	>FSWCTL
1,2,4-TRIMETHYLBENZENE	10	220	38C	12/14/05	3450	YES	YES	38C	3/10/09	65.2	YES	no
1,2-DICHLOROETHANE [EDC]	3	37	41C	9/1/04	5.1	YES	no	59C	3/13/09	10 U	no	no
1,3,5-TRIMETHYLBENZENE	10	220	38C	12/14/05	1340	YES	YES	38C	3/10/09	21.4	YES	no
1,3-DICHLOROBENZENE	210	85	38C	12/11/07	0.51	no	no	--	--	--	--	--
2-BUTANONE [MEK]	4200	120000	40D	3/23/04	14.4	no	no	--	--	--	--	--
4-ISOPROPYLTOLUENE	NC	NC	38C	6/15/05	34.4	--	--	--	--	--	--	--
ACETONE	6300	1700	62D	3/13/09	8.6	no	no	--	--	--	--	--
ACROLEIN	3.5	0.4	62D	3/13/09	8.6 I	YES	YES	--	--	--	--	--
BENZENE	1	71.28	P009*	5/15/03	4430	YES	YES	59C	12/16/08	782	YES	YES
BROMODICHLOROMETHANE	0.6	22	55D	6/15/07	10.3	YES	no	59C	3/13/09	10 U	no	no
CARBON DISULFIDE	700	110	40D	3/23/04	57.6	no	no	--	--	--	--	--
CHLOROBENZENE	100	17	48C	3/20/08	0.21	no	no	--	--	--	--	--
CHLORODIBROMOMETHANE	0.4	34	55D	6/15/07	3.4	YES	no	59C	3/13/09	10 U	no	no
CHLOROETHANE [Ethyl chloride]	12	0	44C	12/11/06	11.9	no	YES	--	--	--	--	--
CHLOROFORM	70	470.8	51D	6/14/07	44.8	no	no	--	--	--	--	--
CHLOROMETHANE [Methyl chloride]	2.7	470.8	56C	8/15/07	0.59	no	no	59C	3/13/09	20 U	no	no
CIS-1,2-DICHLOROETHENE	70	0	42C	12/11/06	0.84	no	YES	--	--	--	--	--
ETHYLBENZENE	30	610	P009*	5/15/03	241	YES	no	58C2	6/8/09	9.1	no	no
ISOPROPYLBENZENE [Cumene]	0.8	260	38C	6/19/07	22.9	YES	no	48C	6/3/09	4.6	YES	no
METHANE	NC	NC	38C	12/11/07	10700	--	--	--	--	--	--	--
METHYL TERT-BUTYL ETHER [MTBE]	20	34000	P009*	5/15/03	355	YES	no	59C	12/16/08	51.2	YES	no
METHYLENE CHLORIDE	5	1580	55D	9/24/08	13.6	YES	no	59C	9/25/08	36.2 I	YES	no
NAPHTHALENE	14	26	38C	12/14/05	1570	YES	YES	55D	12/15/08	125 L	YES	YES
N-BUTYLBENZENE	NC	NC	38C	6/19/07	123	--	--	--	--	--	--	--
N-PROPYLBENZENE	NC	NC	38C	6/7/06	67	--	--	--	--	--	--	--
O-XYLENE	20	370	38C	3/10/09	29.5	YES	no	38C	3/10/09	29.5	YES	no
SEC-BUTYLBENZENE	NC	NC	38C	6/19/07	12.5	--	--	--	--	--	--	--
STYRENE	100	460	55D	12/11/07	0.22	no	no	--	--	--	--	--
TETRACHLOROETHENE [PCE]	3	8.85	44C	9/9/03	4.8	YES	no	59C	12/16/08	4.6 I	YES	no
TOLUENE	40	480	P009*	5/15/03	1120	YES	YES	61C	12/12/08	2.3	no	no
TOTAL XYLENES	20	370	38C	12/14/05	4210	YES	YES	38C	9/29/08	58	YES	no
TRICHLOROETHENE [TCE]	3	3	44C	9/9/03	4.8	YES	YES	44C	6/4/09	2	no	no

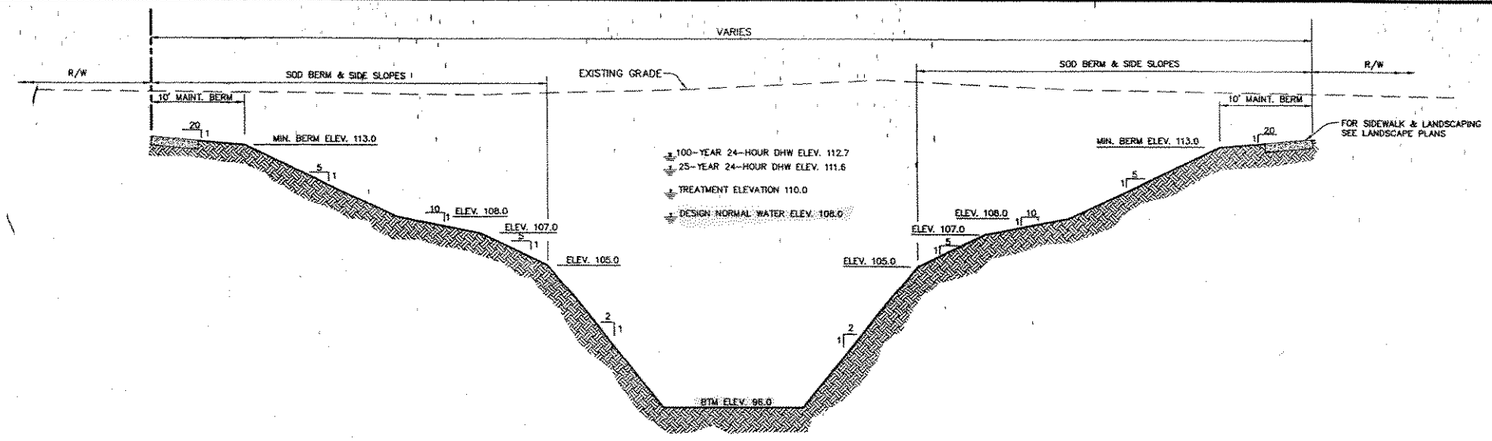
Shading indicates CTL was exceeded. "nc" indicates no CTL criteria. "--" indicates not detected.

[a] Source: FDEP Feb-05 Cleanup Target Level table

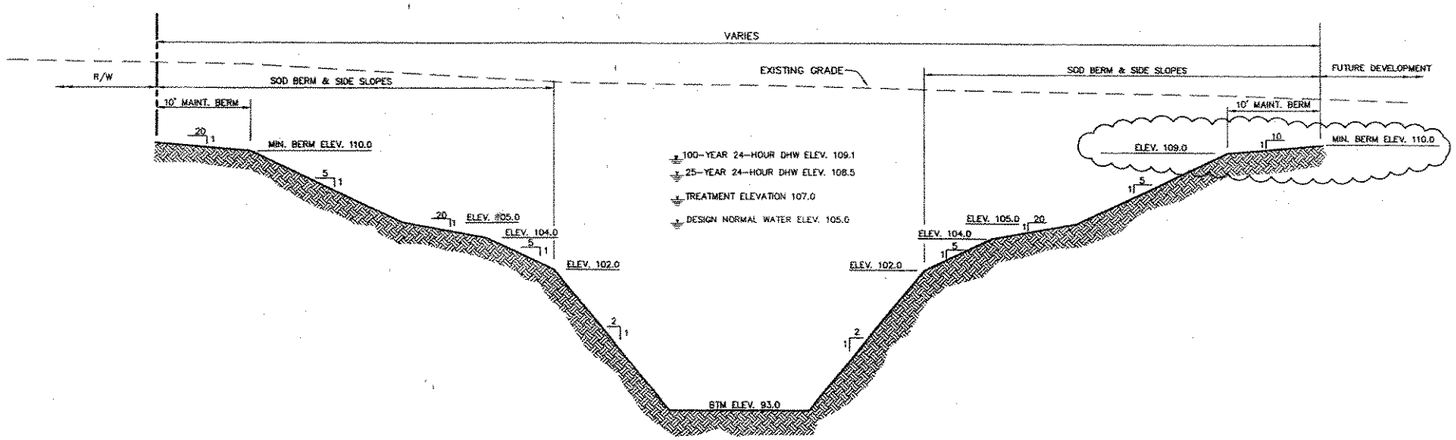
P009* represents DPT profile sample location # 9 installed at well 41C location (SA 36NW).

APPENDIX A

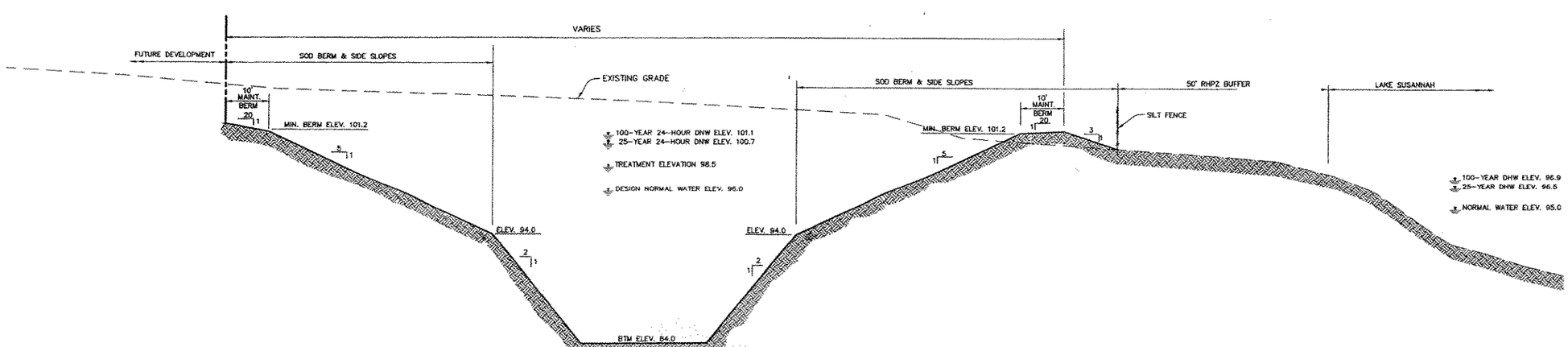
NEW BROAD STREET POND CONSTRUCTION DETAILS



TYPICAL POND SECTION POND-14
WET DETENTION SYSTEM



TYPICAL POND SECTION POND-16
WET DETENTION SYSTEM



TYPICAL POND SECTION POND-17
WET DETENTION SYSTEM

RECORD DRAWING CERTIFICATION FOR PHASE _____

CONTRACTOR HEREBY CERTIFIES THAT THIS DRAWING HAS BEEN MODIFIED TO SHOW ALL CHANGES TO THE ORIGINAL CONSTRUCTION DRAWINGS AND ACCURATELY REPRESENTS THE FINISHED CONSTRUCTION BASED ON INFORMATION FURNISHED TO DONALD W. McINTOSH ASSOCIATES, INC. ON _____

CONTRACTOR: _____
BY: _____ DATE: _____
NOTES: _____

RECORD DRAWING CERTIFICATION FOR PHASE _____

THIS "RECORD DRAWING" IS BASED ON INFORMATION RECEIVED FROM THE CONTRACTOR ON _____ AS TO LOCATION AND DETAILS OF THE FACILITIES ACTUALLY CONSTRUCTED. THE ENGINEER HAS NOT PROVIDED DETAILED OR CONTINUOUS OBSERVATION OF ON-SITE CONSTRUCTION NOR MADE MEASUREMENTS, BUT HAS MADE PERIODIC VISUAL OBSERVATIONS AND HAS OBSERVED THAT THE READILY VISIBLE FACILITIES HAVE BEEN REASONABLY INSTALLED IN ACCORDANCE WITH THIS DRAWING. LOT GRADING IS THE RESPONSIBILITY OF THE BUILDER AND IS NOT INCLUDED IN THIS CERTIFICATION.
DONALD W. McINTOSH ASSOCIATES, INC.
CERTIFICATE OF AUTHORIZATION NO. 68
BY: _____ DATE: _____
NOTES: _____

NOT A RECORD DRAWING UNLESS THIS BLOCK IS COMPLETED

DONALD W. McINTOSH ASSOCIATES, INC.
CERTIFICATE OF AUTHORIZATION NO. 68

KIRBY L. WHITE
FLORIDA P.E. NO. 44602
DATE: _____

NO.	DATE	DESCRIPTION	CHK.
4	01/17/02	BULLETIN NO.6	KLW
3	08/6/01	ADDENDUM NO. 2	KLW
2	07/25/01	ISSUED FOR BID	KLW
1	07/16/01	GENERAL	KLW

REVISIONS

DONALD W. McINTOSH ASSOCIATES, INC.
ENGINEERS PLANNERS SURVEYORS
2200 PARK AVENUE NORTH, WINTER PARK, FLORIDA 32789 (407) 644-4068

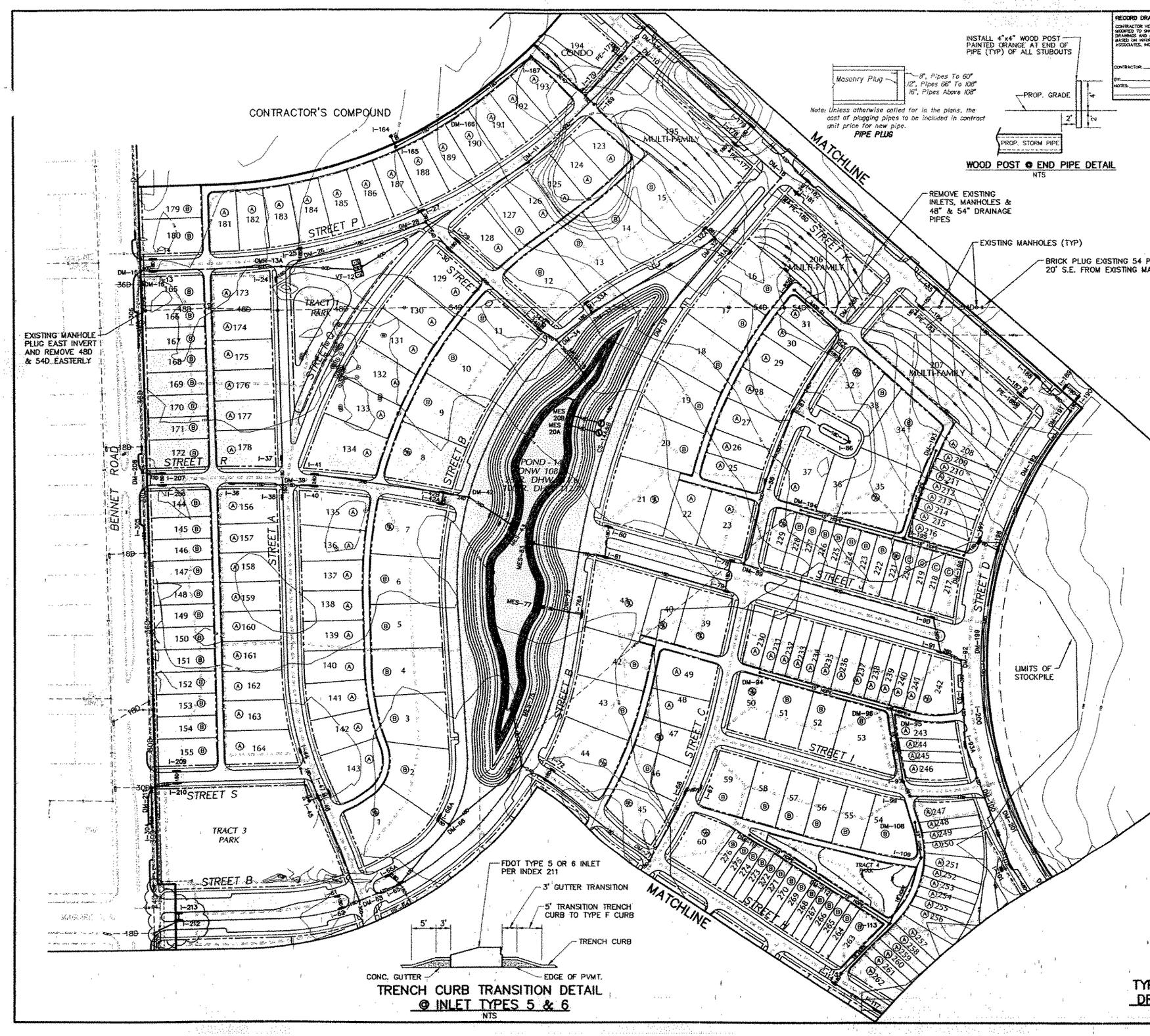
DRAWN BY	DESIGNED BY	CHECKED BY	DATE	SCALE	JOB NUMBER
RSE	DSW	KLW	6/15/01	NTS.	21100

ISSUED FOR CONSTRUCTION SEPT. 18, 2001

CONSTRUCTION PACKAGE 1-2
BALDWIN PARK
UNIT 1
TYPICAL POND SECTIONS

DRAWING C51
SHEET C503

SHEET C503
PROJECT: BALDWIN PARK UNIT 1
SHEET TITLE: TYPICAL SECTIONS
DWG FILE NAME: P:\PROJ2000\20185EDWG\C51.DWG
XREF FILE NA



RECORD DRAWING CERTIFICATION FOR PHASE

CONTRACTOR HEREBY CERTIFIES THAT THIS DRAWING HAS BEEN MODIFIED TO SHOW ALL CHANGES TO THE ORIGINAL CONSTRUCTION DRAWINGS AND ACCURATELY REPRESENTS THE FINISHED CONSTRUCTION BASED ON INFORMATION FURNISHED TO DONALD W. McINTOSH ASSOCIATES, INC. ON

CONTRACTOR: _____

BY: _____ DATE: _____

NOTES: _____

RECORD DRAWING CERTIFICATION FOR PHASE

THIS "RECORD DRAWING" IS BASED ON INFORMATION RECEIVED FROM THE CONTRACTOR ON _____ AS TO LOCATION AND DETAILS OF THE FACILITIES ACTUALLY CONSTRUCTED. THE ENGINEER HAS NOT PROVIDED DETAILED OR CONTINUOUS OBSERVATION OF ON-SITE CONSTRUCTION NOR MADE MEASUREMENTS, BUT HAS MADE PERIODIC VISUAL OBSERVATIONS AND HAS OBSERVED THAT THE READILY VISIBLE FACILITIES HAVE BEEN REASONABLY INSTALLED IN ACCORDANCE WITH THIS DRAWING. LOT GRADING IS THE RESPONSIBILITY OF THE BUILDER AND IS NOT INCLUDED IN THIS CERTIFICATION.
DONALD W. McINTOSH ASSOCIATES, INC.
CERTIFICATE OF AUTHORIZATION NO. 68

BY: _____ DATE: _____

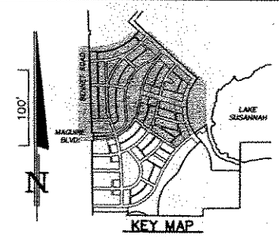
NOTES: _____

NOT A RECORD DRAWING UNLESS THIS BLOCK IS COMPLETED

DONALD W. McINTOSH ASSOCIATES, INC.
CERTIFICATE OF AUTHORIZATION NO. 68

KIRBY L. WHITE
FLORIDA P.E. NO. 44802

DATE: _____



KEY MAP

LEGEND

PROPOSED CONTOUR ELEVATION	
EXISTING CONTOUR ELEVATION	
LOT GRADING TYPE	(A)
SURFACE DRAINAGE DIRECTION	
DRAINAGE LINE & SIZE	18D
DITCH BOTTOM INLET (I-1)	
CURB INLET (I-2)	
DRAINAGE MANHOLE (DM-3)	
MITERED END SECTION (MES-5)	
BENCHMARK	
ONTC BOUNDARY	
PROJECT LIMITS	
NORMAL WATER LEVEL	
DESIGN NORMAL WATER ELEVATION	DNW 105.9
DESIGN HIGH WATER ELEVATION	DHW 109.9
STORMWATER MGMT AREA	POND - 16
ENVIRONMENTAL LINE	
APPROX. WATERS EDGE	
EXISTING IRRIGATION WELL ABANDONED (CAPPED & GROUTED)	
EXISTING MONITORING WELLS TO BE PROTECTED	
SJRWMD JURISDICTIONAL IMPACTS PERMITTED PREVIOUSLY. SJRWMD PERMIT No. 4-095-63752-3	
EXISTING PAVEMENT TO REMAIN	
DRAINAGE SUB-BASIN	

NOTES:

1. CONTRACTOR TO USE EXTREME CARE AND TAKE APPROPRIATE MEASURES AS NOT TO DISTURB OR DAMAGE EXISTING COMMUNICATION LINES, WATER MAINS, SANITARY GRAVITY MAINS AND STORM SEWERS THAT ARE TO REMAIN FUNCTIONAL DURING CONSTRUCTION. CONTRACTOR TO NOTIFY UTILITY COMPANIES. CONTRACTOR SHALL LOCATE EXISTING UTILITIES (HORIZONTAL AND VERTICAL) PRIOR TO ORDERING STRUCTURES AND SHOP DRAWINGS SUBMITTAL.
2. CONTRACTOR TO MAINTAIN OR REMOVE EXISTING UTILITIES AS SHOWN IN THE PLANS.
3. DEVELOPMENT OF PARCELS 194, 195, 196, 197, 202, 203, 204, 205, 206, 207, TRACT 3 AND TRACT 5 REQUIRE SEPARATE SJRWMD AND CITY OF ORLANDO PERMITS.

REVISIONS

NO.	DATE	DESCRIPTION	CHK.
11	06/03/02	BULLETIN NO. 14	KLW
10	04/10/02	BULLETIN NO. 11	KLW
9	04/05/02	BULLETIN NO. 10	KLW
8	02/19/02	BULLETIN NO. 8	KLW
7	01/17/02	BULLETIN NO. 6	KLW
6	12/20/01	BULLETIN NO. 4	KLW
5	12/12/01	BULLETIN NO. 3	KLW
4	12/04/01	BULLETIN NO. 2	KLW
3	08/09/01	ADDENDUM NO. 2	KLW
2	07/25/01	ISSUED FOR BID	KLW
1	07/16/01	GENERAL	KLW

DONALD W. McINTOSH ASSOCIATES, INC.
ENGINEERS
2200 PARK AVENUE NORTH, WINTER PARK, FLORIDA 32789 (407) 644-4068
PLANNERS
SURVEYORS

DRAWN BY	DESIGNED BY	CHECKED BY
RSE	DSW	KLW

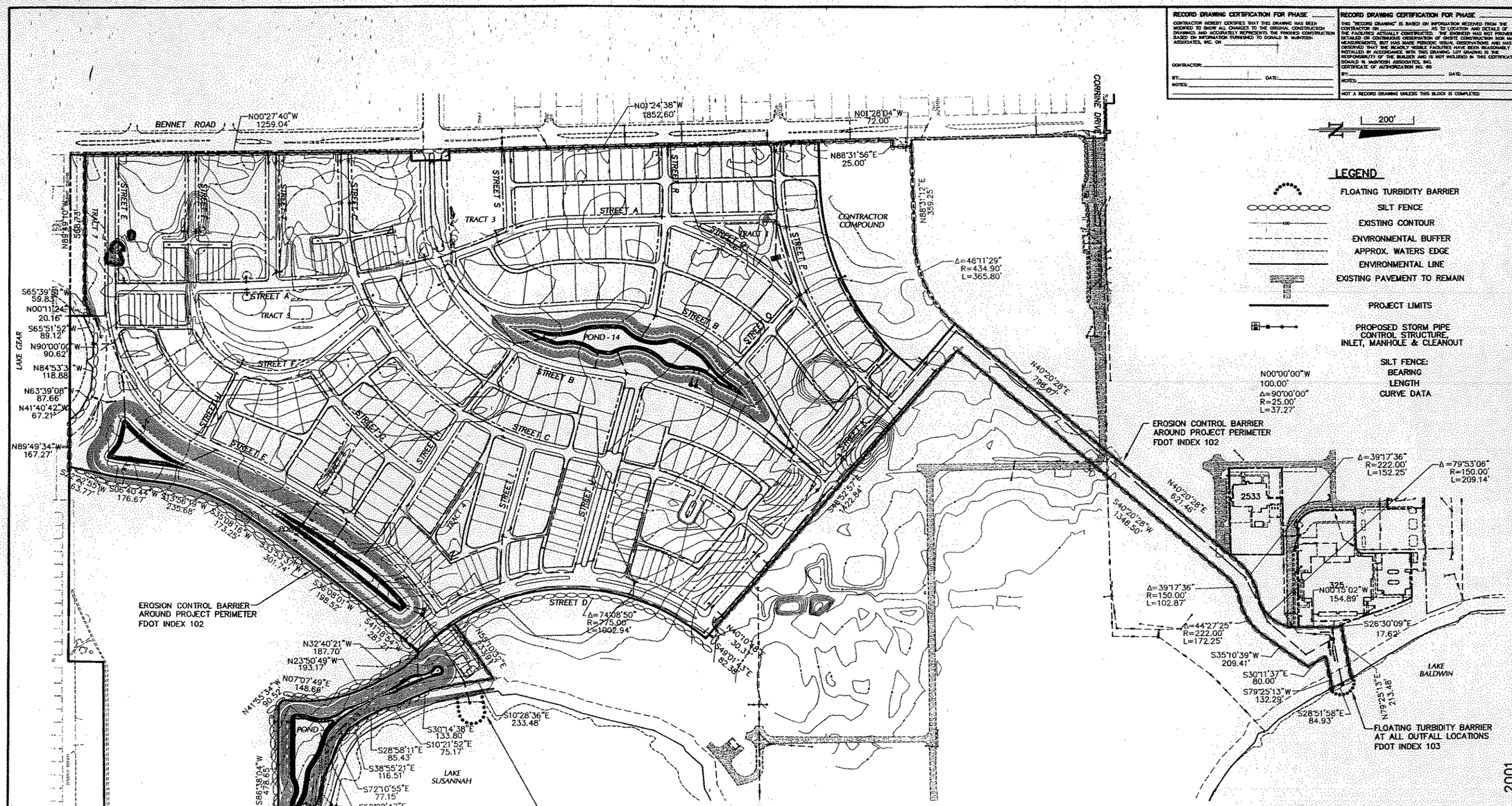
DATE	SCALE	JOB NUMBER
6/15/01	1"=100'	21100

CONSTRUCTION PACKAGE 1-2
BALDWIN PARK UNIT 1
GRADING & DRAINAGE PLAN CENTRAL

DRAWING MG02

SHEET C201

DWG FILE NAME: F:\PROJ2000\20185\EDWG\MG02.DWG
XREF FILE NAME: F:\PROJ2000\20185\EDWG\BASE.DWG



LEGEND

- FLOATING TURBIDITY BARRIER
- SILT FENCE
- EXISTING CONTOUR
- ENVIRONMENTAL BUFFER
- APPROX. WATERS EDGE
- ENVIRONMENTAL LINE
- EXISTING PAVEMENT TO REMAIN
- PROJECT LIMITS
- PROPOSED STORM PIPE CONTROL STRUCTURE, INLET, MANHOLE & CLEANOUT

SILT FENCE:
BEARING
LENGTH
CURVE DATA

RECORD DRAWING CERTIFICATION FOR PHASE _____

CONTRACTOR HEREBY CERTIFIES THAT THIS DRAWING HAS BEEN MODIFIED TO SHOW ALL CHANGES TO THE ORIGINAL CONSTRUCTION DRAWINGS AND ACCURATELY REPRESENTS THE FINISHED CONSTRUCTION BASED ON INFORMATION FURNISHED TO DONALD W. McINTOSH ASSOCIATES, INC. ON _____

CONTRACTOR: _____
BY: _____ DATE: _____
NOTES: _____

RECORD DRAWING CERTIFICATION FOR PHASE _____

THIS "RECORD DRAWING" IS BASED ON INFORMATION RECEIVED FROM THE CONTRACTOR ON _____ AS TO LOCATION AND DETAILS OF THE FACILITIES ACTUALLY CONSTRUCTED. THE ENGINEER HAS NOT PROVIDED DETAILED OR CONTINUOUS OBSERVATION OF ONSITE CONSTRUCTION NOR MADE MEASUREMENTS, BUT HAS MADE PERIODIC VISUAL OBSERVATIONS AND HAS OBSERVED THAT THE READILY VISIBLE FACILITIES HAVE BEEN REASONABLY INSTALLED IN ACCORDANCE WITH THIS DRAWING. LOT GRADING IS THE RESPONSIBILITY OF THE BUILDER AND IS NOT INCLUDED IN THIS CERTIFICATION.
DONALD W. McINTOSH ASSOCIATES, INC.
CERTIFICATE OF AUTHORIZATION NO. 86
BY: _____ DATE: _____
NOTES: _____

NOT A RECORD DRAWING UNLESS THIS BLOCK IS COMPLETED

DONALD W. McINTOSH ASSOCIATES, INC. CERTIFICATE OF AUTHORIZATION NO. 86

NO.	DATE	DESCRIPTION			
3	08/9/01	ADDENDUM NO. 2	KLW	KLW	DMC
2	07/23/01	ISSUED FOR BID	KLW	KLW	
1	07/16/01	GENERAL			

REVISIONS

DONALD W. McINTOSH ASSOCIATES, INC.
ENGINEERS — PLANNERS — SURVEYORS
2200 PARK AVENUE NORTH, WINTER PARK, FLORIDA 32789 (407) 644-4068

DRAWN BY	DESIGNED BY	CHECKED BY	SCALE	DATE	JOB NUMBER
RSE	DSW	KLW	1"=200'	6/15/01	21100

CONSTRUCTION PACKAGE 1-2
BALDWIN PARK
UNIT 1
EROSION CONTROL PLAN

DRAWING ECP1
SHEET G104

ISSUED FOR CONSTRUCTION SEPT. 18, 2001

EROSION & SEDIMENT CONTROL PLAN:

01. BECAUSE OF THE PROJECT'S PROXIMITY TO ADJACENT LAKES, CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE EROSION, TO RETAIN SEDIMENT WHICH UNAVOIDABLY WILL RESULT FROM ONSITE CONSTRUCTION ACTIVITIES, TO PREVENT SEDIMENTATION AND OTHERWISE PROTECT ONSITE WETLANDS WHICH ARE TO BE RETAINED. THE BASIC PRINCIPLES DESCRIBED HEREIN ARE INTENDED TO DEFINE THE DEVELOPER'S INTENT AND REQUIRE THE CONTRACTOR TO SATISFY THE SPECIFIC REQUIREMENTS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.

02. THE SCHEDULING, SEQUENCING AND CONTROL MEASURES, WHICH ARE OUTLINED HEREIN, ARE SUBJECT TO FINAL DEFINITION BY THE CONTRACTOR WHO WILL BE RESPONSIBLE FOR IMPLEMENTATION AND COMPLIANCE.

03. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A CONSTRUCTION SCHEDULE DEPICTING EACH PHASE OF THE WORK. THE CONTRACTOR SHALL ALSO BE REQUIRED TO SUBMIT AN EROSION AND SEDIMENT CONTROL PLAN TO THE OWNER, THE ENGINEER AND THE CITY OF ORLANDO ENCOMPASSING THE CONTRACTORS EXACT PLAN OF IMPLEMENTING THE PRINCIPLES AND THE REQUIREMENTS DESCRIBED HEREIN. NO CONSTRUCTION CAN BEGIN UNTIL SAID PLAN HAS BEEN APPROVED BY THE CITY OF ORLANDO.

04. DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO ENSURE AGAINST POLLUTING, SILTATION OR DISTURBANCE TO SUCH AN EXTENT AS TO CAUSE AN INCREASE IN TURBIDITY TO THE ADJACENT WATER BODIES, IN COMPLIANCE WITH ALL PERMIT REQUIREMENTS RELATED TO SUCH MEASURES.

05. EROSION CONTROL METHODS SHALL INCLUDE TEMPORARY CONTROL STRUCTURES SUCH AS SEDIMENT BASINS, SEDIMENT CHECKS, SILT BARRIERS, SILT SCREENS, TURBIDITY BARRIERS OR THOR BEST MANAGEMENT PRACTICE AVAILABLE TO THE INDUSTRY.

06. EROSION AND SEDIMENT CONTROL INSTALLATIONS SHALL BE MAINTAINED BY CONTRACTOR THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL NEW VEGETATIVE GROWTH HAS BEEN ESTABLISHED.

07. THROUGHOUT THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL DAILY INSPECT PROTECTIVE INSTALLATIONS FOR FAILURES OR SIGNS OF FAILURE OR MALFUNCTION AND EFFECT REPAIRS OR REPLACEMENT IMMEDIATELY UPON DISCOVERY. THROUGHOUT THE DURATION OF THE CONSTRUCTION, CONTRACTOR SHALL MAINTAIN ALL BENNET ROAD DRAINAGE AND PAVEMENT FACILITIES IN A DEBRIS FREE, FULLY FUNCTIONING CONDITION. SUCH EFFORTS SHALL INCLUDE REGULAR SWEEPING, EROSION CONTROL, INLET AND PIPE CLEANING AND MAINTENANCE OF ALL EXISTING FACILITIES.

08. THE RECOMMENDED GENERAL SEQUENCE OF CONSTRUCTION FOR ALL BASINS IS AS FOLLOWS:

A. PLACEMENT OF PERIMETER PROTECTIVE MEASURES (SILT FENCE, HAY BALES, ETC.) AROUND ONSITE LAKES, AT POINTS OF OFFSITE DISCHARGE, AND AROUND WORK AREAS.

B. REROUTE RUNOFF FROM AREAS OUTSIDE OF THE DEVELOPMENT AREA TO MINIMIZE FLOW THROUGH AREAS TO BE DISTURBED BY CONSTRUCTION. BERMS, SWALES AND OTHER MEANS USED FOR SUCH CONVEYANCE SHALL BE VEGETATED AND MEASURES TAKEN TO PROVIDE PROTECTION UNTIL STABILIZATION HAS BEEN ESTABLISHED.

C. SELECT LOCATIONS FOR PLACEMENT OF MATERIAL, WHETHER SUITABLE FOR FILL OR UNSUITABLE, AND CONSTRUCT CONTAINMENT BERMS AROUND THE AREA. THE USE OF STRIPPINGS FOR THIS PURPOSE MAY ACCELERATE BERM REVEGETATION. CONSTRUCT TEMPORARY OUTLETS FROM CONTAINMENT AREAS WITH SCREENS, HAY BALES, SETTLING BASINS OR OTHER MEASURES TO PREVENT SILT TRANSPORT.

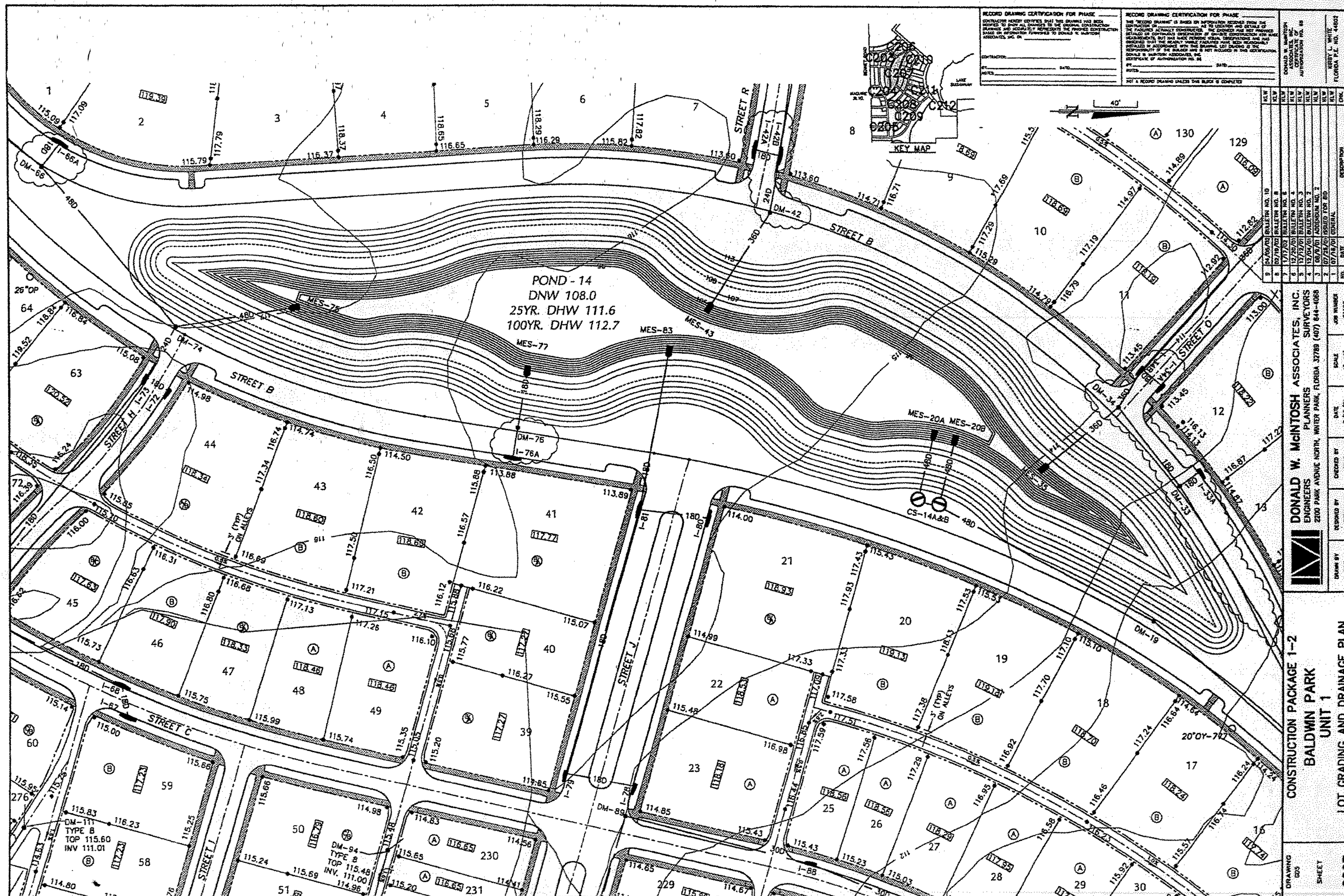
D. SELECT/DESIGNATE ACCESS ROUTING FOR CONSTRUCTION EQUIPMENT AND VEHICLES AND PROVIDE PERIMETER PROTECTIVE MEASURES WHERE EXISTING TERRAIN WILL BE SUBJECT TO DISRUPTION BY SUCH TRAFFIC.

E. IF REQUIRED, CONSTRUCT ABOVE GROUND OR OTHER CONTAINMENT AREAS FOR CONSTRUCTION AREA RUNOFF. PROVIDE SCREENS, HAY BALES, ETC. TO FILTER DISCHARGE FROM THESE AREAS.

F. GRASSING, SODDING, ETC. SHALL BE IN PLACE IMMEDIATELY UPON COMPLETION OF DISTURBED AREAS WITHIN PROJECT AREA.

G. IN ANY EVENT, CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING ANY AND ALL MEASURES ARE TAKEN TO COMPLY WITH LOCAL, STATE, FEDERAL AND OWNER REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION.

SHEET G104 PROJECT: BALDW. No. UNIT 1
SHEET TITLE: EROSION CONTROL PLAN
DWG FILE NAME: F:\PRO\2000\20185\EDWG\ECP1.DWG
XREF FILE NAME: F:\PRO\2000\20185\EDWG\BASE.DWG


POND - 14
DNW 108.0
25YR. DHW 111.6
100YR. DHW 112.7
STREET B
STREET H
STREET C
STREET J
STREET R
STREET O
STREET I
KEY MAP
CS-14A&B
MES-75
MES-77
MES-83
MES-43
MES-20A
MES-20B
DM-111
TYPE B
TOP 115.60
INV 111.01
DM-94
TYPE B
TOP 115.46
INV. 111.00
RECORD DRAWING CERTIFICATION FOR PHASE
DONALD W. McINTOSH ASSOCIATES, INC.
ENGINEERS
PLANNERS
SURVEYORS
2200 PARK AVENUE NORTH, WINTER PARK, FLORIDA 32789 (407) 644-4068
DRAWN BY RSE
DESIGNED BY DSW
CHECKED BY KLW
DATE 5/15/01
SCALE 1"=40'
JOB NUMBER 21100
CONSTRUCTION PACKAGE 1-2
BALDWIN PARK
UNIT 1
LOT GRADING AND DRAINAGE PLAN
DRAWING GDS
SHEET
C207

APPENDIX B

BORING LOGS AND WELL COMPLETION FORMS

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME	NTC ORLANDO SA 38	BORING No.:	SB01
PROJECT NUMBER	112G00131	DATE:	6/12/2007
DRILLING COMPANY	Boart Longyear	GEOLOGIST:	G. Braganza and A. Jenkins
DRILLING RIG	Mini Sonic	DRILLER:	Jeremy

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							0-8' No Soil						
						dark	core recovered -						
						grey	daylighted						
	5									0	0	0	0
					loose	d,g		SP	fn grn, S. silt				
	10				m. den	vd.g.	9.5' Sand	SP	fn grn, S. silt	0	0	0	0
						to							
						blk							
						vl.g			med grn				
	15									0	0	0	0
						vd.br							
					v. den		17.5' ~4" Cemented		fn grn				
					loose	m.br.	18' Sand	SP	fn grn				
	20				dense	m.br.		CL		0	0	0	0
					loose to		20' Sand	SP	fn-med grn				
					m. den								
						vd.br	22'~1" Cemented						
	25									0	0	0	0
					loose to	m.to	Sand	SP	vf-fn grn				
	30				m. den	l. br							
	35												

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME	NTC ORLANDO SA 38	BORING No.:	SB01
PROJECT NUMBER	112G00131	DATE:	6/12/2007
DRILLING COMPANY	Boart Longyear	GEOLOGIST:	G. Braganza and A. Jenkins
DRILLING RIG	Mini Sonic	DRILLER:	Jeremy

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
						v.l.gy	Sand	SP	vf-fn grn				
	40					br			dk grains				
					loose	m.to	Sand	SP					
					m. den	l.br			petrol.odor?				
	45												
							becoming greenish						
						d.gr			strong petrol				
						to gy	~1' w/ num.black grains		odor in soil				
	50				loose m. den	v.l.br	Sand w/ fines	SP	fn-med grn	0.3			
										0.8			
						m. grey	sand, becomes grey		med. grain	1.5			
	55						and greenish, darker	SP	abundant black	1.5			
							with depth, no frags		grains <.5mm				
							visible. Few 1/2" hard		hard clay or				
							mud-rock fragments		shale fragments	1.2			
							brown orange color, sub						
	60						angular to sub rounded			3.2			
										0.9			
										7.5			
							Total Depth= 63'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: PID not working. Rig broke down @ 47'
GW sample at 38-48'

Converted to Well: Yes X No Well I.D. #: OLD-38-49D

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NTC ORLANDO SA 38
PROJECT NUMBER: 112G00131
DRILLING COMPANY: Boart Longyear
DRILLING RIG: Mini Sonic

BORING No.: SB02
DATE: 6/13/2007
GEOLOGIST: A. Jenkins
DRILLER: Jeremy

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	0						0-8' daylighted, ~3' of						
							dark grey, coarse						
	5												
					loose	m-d.gy	Sand, mottled	SP	fn grn	0			
	8				loose	d.br	Sand, silty, fn grn	SM	~6" fn. Roots	0			
					loose	m.br	Sand, some silt	SP					
	10									0			0
					loose	m.gy-br	Sand		fn grn				
										0			
					dense	v.d. br	Clay, sandy, moist to dry	SC					
										0			
	15												
										0			
							dry, loose layer ~4"		less clay				
	18				loose	blk	Sand, silty	SP	fine-med grain	0			
					dense	to	Clay, sandy	SC	moist to dry w/ wet				
	20					v.d. br			streaks	0.5			
					loose	d.br	Sand, little silt	SP	fn. grn				
						m.br				5.8			
	25					l.br			vf-fn grn	1.9			
					loose		Sand, as above	SP	vf to fine grain	1.8			
									little to no fines				
										4.1			
						m.br.							
	30						med grains appear		~2' med. to fn grn	81.1			
							sub angular						
										98			
									fn grn.				
										33			
	35												
					loose		as above		fn grn.				
										45			
					loose	l.gr	Sand, little fines	SP	vf - fine grains				
	40						<5% dk grains			21			
										0			

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NTC ORLANDO SA 38
PROJECT NUMBER: 112G00131
DRILLING COMPANY: Boart Longyear
DRILLING RIG: Mini Sonic

BORING No.: SB02
DATE: 6/13/2007
GEOLOGIST: A. Jenkins
DRILLER: Jeremy

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	45						becomes darker in color and						
							greenish dark grains inc.			0			
						m. gr-gy	but barely visible						
										0			
										8.3			
	50									8.3			
					loose	m. gr-gy	Sand, as above	SP					
							becomes coarser <5% dk grns		fine-med grain				
										0			
	55					dk	med grains appear			0			0
						gr-gy	sub angular						
					loose to m. den	dk gr-gy	Sand, poorly sorted, some	SW	fn-c grn	0			
							fine shell frags, grains are						
	60						sub-angular sand, occ.						
					very dense	dk gr	Clay ~3" layer	CL	Fisile fracture but				
							Sand, occ.		plastic, moist				
					loose to m. den	dk.gr-gy	plastic clay frag or hard	SW	fn-med grain				
							mudrock frag	SP					
	65												
					very dense	dk gr	Clay, 6" at bottom		little sand, v.				
									plastic, moist				
	70						TD=68'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes X No _____ Well I.D. #: OLD-38-50C and OLD-38-51D

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NTC ORLANDO SA 38
PROJECT NUMBER: 112G00131
DRILLING COMPANY: Boart Longyear
DRILLING RIG: Mini Sonic

BORING No.: SB03
DATE: 6/14/2007
GEOLOGIST: A. Jenkins
DRILLER: Jeremy

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							0-8': No recovery daylighted						
							dark grey, coarse						
	5												
	10												
	15												
					loose	m.gy	Sand, few <1/4" shell frags	SP	vf-fine grains				
	17				loose to	dk.br	Sand, some silt	SP	fine grain				
	18				m dense	to blk	dark color seems to come	SM					
	20						from silt content						
					den - VD	blk	Sandy Clay ~2'	SC	sl. Plastic				
						to d.br							
						d. br	Sand	SP	fine grain				
					loose to	to m.br			some med. grain				
	25												
					loose	m-l.br	Sand	SP					
	27												
	28												
					loose	m.br	as above	SP	VF - fine grain				
	30												
	35												
	37												
	38												

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NTC ORLANDO SA 38
PROJECT NUMBER: 112G00131
DRILLING COMPANY: Boart Longyear
DRILLING RIG: Mini Sonic

BORING No.: SB03
DATE: 6/14/2007
GEOLOGIST: A. Jenkins
DRILLER: Jeremy

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
					loose	l.br to	Sand (Sugar sand)	SP	vf. Grn				
	40					white							
	45				loose	l.br to	Sand	SP	VF to fine grain				
						m. br							
	47												
	48												
					loose	v.l. br.	Sand, <5% dark grains	SP	VF - fine grain				
	50												
					loose	m. br	Sand, as above, becomes		VF to fine grain				
							darker ↓						
	55												
	57												
							TD = 58'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0

Remarks: PID not working- low battery

Converted to Well: Yes X No _____ Well I.D. #: OLD-38-52C and OLD-38-53D

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	NTC ORLANDO SA 38	BORING No.:	SB04
PROJECT NUMBER:	112G00131	DATE:	6/15/2007
DRILLING COMPANY:	Boart Longyear	GEOLOGIST:	G. Braganza
DRILLING RIG:	Mini Sonic	DRILLER:	Jeremy

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							0-8' No recovery daylighted						
							dark grey, coarse						
	5												0
					loose	m. br.	Sand	SP		0			
							↓						
	10				dense	vd.br	Sand, silty dark color	SM		0			0
							↓						
										0.2			
										1.2			
	15						↓						0
					loose	m.br	Sand: fine to vf grained	SM		2.4			
							↓						
										0.3			
							↓						
	20				m. dens	br.	Sand, well consolidated	SP		0			0
							very fine grained						
										0.5			
										1.4			
	25												0
					loose	lt. br	Sand, v. fine grained	SP					
							↓			1.3			
										2.4			
	30												0
										1.2			
										2.4			
							↓						

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NTC ORLANDO SA 38
PROJECT NUMBER: 112G00131
DRILLING COMPANY: Boart Longyear
DRILLING RIG: Mini Sonic

BORING No.: SB04
DATE: 6/15/2007
GEOLOGIST: G. Braganza
DRILLER: Jeremy

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
	35						Clay lens, gray-green	CL					0
							0.25" thick			4.3			
					loose to med	gy-gr	Sand, v. fine grained	SP					
										2.4			
	40									0.1			0
										1.2			
										4.3			
	45												0
										1.2			
										0.3			
					loose	lt. br	Sand, very fine grained						
	50												0
					loose	gy-gr	Sand, v. fine grained	SP					
										1.4			
	55												0
					v. dense	dk.gr	Clay = 1" layer	CL		2.1			
							fissile and fractured						
	60						TD = 58'						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes X No _____ Well I.D. #: OLD-38-54C and OLD-38-55D

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB05
PROJECT NUMBER:	112G01265	DATE:	4/22/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
15							sand, brown to dark						
							brown, medium to fine						
							grained, well sorted						
							sub rounded						
20													
22							dark brown cemented sand layer						
							0.5" thick, sand, dark						
							brown, fine grained, well						
25							consolidated, sub angular						
30													
35													
40													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: SA 38 NTC ORLANDO
PROJECT NUMBER: 112G01265
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Geoprobe 6620 DT

BORING No.: SB05
DATE: 4/22/2008
GEOLOGIST: Gary Braganza
DRILLER: Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
45													
50							sand, greyish green,						
							fine grained, moderately						
							consolidated, well sorted						
55													
							clay, dark green, dense						
60							some silt						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area

Remarks:

Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB06
PROJECT NUMBER:	112G01265	DATE:	4/22/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
15							brown to dark brown medium			0	0	0	0
							to fine grain sand						
17							well sorted, sub rounded						
							cemented sand layer						
							well consolidated, dry						
20										0	0	0	0
							NO LOG						
25													
30													
35													
40													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: SA 38 NTC ORLANDO
PROJECT NUMBER: 112G01265
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Geoprobe 6620 DT

BORING No.: SB06
DATE: 4/22/2008
GEOLOGIST: Gary Braganza
DRILLER: Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
45													
50													
55							sand, greyish green	SP		0	0	0	0
							fine grained, moderately						
							consolidated, rounded						
							to sub rounded, well						
							sorted						
60													
64							clay, dark green						
65							low plasticity						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB07
PROJECT NUMBER:	112G01265	DATE:	4/23/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							sand, light grey, medium						
							grained, well sorted						
							cemented sand, dark						
20							brown, well consolidated			0	0	0	0
20.5							sand, grey brown, fine						
							grained, well sorted						
							↓						
							sand, dark brown, very						
25							fine grained, well sorted			0	0	0	0
							rounded to sub rounded						
							NO LOG						
30													
35													
40													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: SA 38 NTC ORLANDO
PROJECT NUMBER: 112G01265
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Geoprobe 6620 DT

BORING No.: SB07
DATE: 4/23/2008
GEOLOGIST: Gary Braganza
DRILLER: Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
45													
50													
55							sand, greyish green			0	0	0	0
							fine grained, well sorted						
							rounded to sub rounded						
60							clay, dense, dark green			0	0	0	0
							still, well consolidated						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB08
PROJECT NUMBER:	112G01265	DATE:	4/23/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							sand, dark grey, very						
							fine grained, well						
							consolidated + sorted						
							angular to sub angular						
20										0	0	0	0
							sand, grey brown, fine						
							grained, well sorted,		GW sample				
							moderately consolidated						
25							sub angular			0	0	0	0
							NO LOG						
30													
35													
40													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB08
PROJECT NUMBER:	112G01265	DATE:	4/23/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
41													
									GW sample				
45													
50													
55										0	0	0	0
							sand, greyish green						
							well sorted, fine grained						
							moderately consolidated						
60							sand with minor			0	0	0	0
							clay and sandstone frag.						
							moderately consolidated						
							fine, well sorted, dark		GW sample				
							greyish green						
65													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC Orlando	BORING No.:	SB09
PROJECT NUMBER:	112G01265	DATE:	4/23/2008 and 4/24/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
18							cemented sand layer,						
							sand, dark brown, fine						
20							grained, moderately			0	0	0	0
							consolidated, well sorted		↑				
							NO LOG		GW sample				
									↓				
24													
25										0	0	0	0
30													
35													
36													
									↑				
									GW sample				
									↓				
40													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: SA 38 NTC Orlando
PROJECT NUMBER: 112G01265
DRILLING COMPANY: Groundwater Protection
DRILLING RIG: Geoprobe 6620 DT

BORING No.: SB09
DATE: 4/23/2008 and 4/24/2008
GEOLOGIST: Gary Braganza
DRILLER: Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
45													
50													
55							sand, greyish green,			0	0	0	0
56							well sorted, fine grained						
							moderately consolidated						
							clay lens, 2mm thick		GW sample				
							clay, dark green, dense						
60							well consolidated			0	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No Well I.D. #: OLD-38-59C

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB10
PROJECT NUMBER:	112G01265	DATE:	4/24/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							sand, fine grained, light			0	0	0	0
							brown, well sorted, poorly						
							consolidated						
							↓						
20							↓			0	0	0	0
							↓						
							sand, fine grained, brown						
							grading to dark brown						
							moderately consolidated						
25							↓			0	0	0	0
							NO LOG						
30													
31													
									↑				
									GW sample				
35									↓				
40													
41													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB10
PROJECT NUMBER:	112G01265	DATE:	4/24/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
									GW sample				
45													
50													
55							sand, medium to coarse						
							grain, angular, greyish						
57							green, many phosphides						
							loosely consolidated		GW sample				
							clay, very fine sand						
60							grey greenish green						
							well consolidated						
							TD = 60 ft.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB11
PROJECT NUMBER:	112G01265	DATE:	4/29/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
16							cemented sand, dark			0	0	0	0
							redish brown, sand, fine grain						
							dark brown well consolidated		GW sample				
							sand, fine, brown to orange						
20							brown, moderately			0	0	0	0
							consolidated, sub angular						
25										0	0	0	0
							NO LOG						
30													
31													
									GW sample				
35										0	0	0	0
40													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB11
PROJECT NUMBER:	112G01265	DATE:	4/29/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
									GW sample				
45										0	0	0	0
50													
55													
							sand, fine, greyish green						
							moderately consolidated						
							well sorted, sub angular		GW sample				
							clay, dark green,						
60							well consolidated						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No _____ Well I.D. #: OLD-38-61C

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB12
PROJECT NUMBER:	112G01265	DATE:	4/29/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							sand, fine, orange brown						
							well consolidated, sorted						
							↓						
							cemented sand layer, 2" thick						
20							sand, fine, dark brown			0	0	0	0
							turning orange, brown						
							with depth, moderately						
							consolidated, angular to						
							sub angular						
25							↓			0	0	0	0
							NO LOG						
30													
31													
									↑				
									GW sample				
									↓				
35													
									↑				
									GW sample				
									↓				
40													
41													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB12
PROJECT NUMBER:	112G01265	DATE:	4/29/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
45													
									GW sample				
50													
55													
							sand, fine, phosphate						
							mod. consolidated well						
							sorted, sandy clay, dark		GW sample				
							green, mod. consolidated						
60													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB13
PROJECT NUMBER:	112G01265	DATE:	4/30/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							NO LOG						
20										0	0	0	0
25													
30													
31													
									GW sample				
35													
40													
41													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB13
PROJECT NUMBER:	112G01265	DATE:	4/30/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
									GW sample				
45													
50													
55													
56													
									GW sample				
60													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB14
PROJECT NUMBER:	112G01265	DATE:	4/30/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
16							cemented sand, well						
							consolidated, fine, orange		↑				
							brown, moderately		GW sample				
							consolidated, sub angular						
20							↓		↓	0	0	0	0
							NO LOG						
25													
30													
31													
									↑				
									GW sample				
35									↓				
40													
41													

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	SA 38 NTC ORLANDO	BORING No.:	SB14
PROJECT NUMBER:	112G01265	DATE:	4/30/2008
DRILLING COMPANY:	Groundwater Protection	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Don Caples

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
									GW sample				
45													
50													
55													
56													
									GW sample				
60													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	NTC ORLANDO SA 38	BORING No.:	SB16
PROJECT NUMBER:	112G01265	DATE:	6/5/2008
DRILLING COMPANY:	Groundwater Protection Inc.	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Billy Moss

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							NO LOG						
							(Borehole Daylighted)						
5													
10													
							sand, dark, greyish	SP		0	0	0	0
							brown, fine grained						
							sub rounded, well sorted						
15			100%/5ft.										
17													
18							same as above, med to well						
							consolidated sand, brown	SP					
20			100%/5ft.				to light brown, fine grained, sub			0	0	0	0
							angular, well sorted						
							sand, most orange-brown, fine	SP					
							grained, sub angular, well sorted						
							moderately consolidated						
25			75%							0	0	0	0
								SP					
30			90%							0	0	0	0
							sand, light orange brown, fine to	SM		0	0	0	0
							very fine grained, well sorted,						

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	NTC ORLANDO SA 38	BORING No.:	SB16
PROJECT NUMBER:	112G01265	DATE:	6/5/2008
DRILLING COMPANY:	Groundwater Protection Inc.	GEOLOGIST:	Gary Braganza
DRILLING RIG:	Geoprobe 6620 DT	DRILLER:	Billy Moss

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							moderately consolidated, moist silt						
35			100%/5 ft				sand, light brown, very fine grained			0	0	0	0
							silty, poorly consolidated	SM					
							sand, dark grey, coarse grained	SW					
40			50%/5ft				phosphate grains, sub angular			0	0	0	0
							poorly consolidated						
45			75%/5ft							0	0	0	0
							sand, same as above, turning	SW					
							greenish grey, clay lens at 49.5 ft.						
							(0.25" thick)						
50			50%/5ft							0	0	0	0
55			50%/5ft							0	0	0	0
							minor sandstone fragments (0.25" thick)						
60							silty sand, greenish grey, well sorted	SM		0	0	0	0
							poorly consolidated						
65													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes X No

Well I.D. #: OLD-38-62D

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	NTC ORLANDO SA 38	BORING No.:	SB17
PROJECT NUMBER:	112G01265	DATE:	12/16/2008
DRILLING COMPANY:	Groundwater Protection Inc.	GEOLOGIST:	A. Jenkins
DRILLING RIG:	Geoprobe 66DT	DRILLER:	John Yerema

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
				see log for SB16			No soil core 0-55ft		location is 5ft				
									W. of SB16				
									collect water				
									samples 38-42ft				
55									and 77-81ft				
						med grey	SAND, med grn, well	SP	saturated	0	0	0	0
					loose		sorted, sub angular,						
							few fines, numerous fine		0.5in hard brown	0			
			2.5ft				black grains		clay at 59.7ft				
60						darker				0			
							same as above for 1.4ft	SP		0	0	0	0
					loose		bottom 0.6 ft becomes		saturated				
							CLAYEY SAND to CLAY,		bottom 1ft	0			
			2.0ft			grn	soft, plastic		becomes				
65					mod dense			ML-	greenish	0			
					loose to	grn	SILTY SAND, fn grn, poorly	SM	saturated	0	0	0	0
					mod dense		sorted, some clay						
			2.4ft							0			
70													
							same as above 0.4ft	SM					
					soft	grn	SHELLY CLAY, silty and	CL-ML		0	0	0	0
							sandy, broken shells,		wet				
			3.7ft				some fine blk grains (2.1ft)			0			
75						grn	SILTY SAND, as above (1.2ft)	SM		0			
							Soil Core TD = 75ft						
80							TD = 82ft						

Remarks: Push to 82ft, attempt GW sample at 78-82ft, little flow, pull up 1ft, add potable water, able to get low flow, purge ~3 gallons (2x potable) collect sample

Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	NTC ORLANDO SA 38	BORING No.:	SB18
PROJECT NUMBER:	112G01265	DATE:	12/18/2008
DRILLING COMPANY:	Groundwater Protection Inc.	GEOLOGIST:	A. Jenkins
DRILLING RIG:	Geoprobe 66DT	DRILLER:	John Yerema

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							no soil core at this		location is				
							location (SB18)		~5ft South of				
									SB15				
							probe to 41ft to collect		collect GW				
							GW sample		sample 37-41ft.				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	NTC ORLANDO SA 38	BORING No.:	SB19
PROJECT NUMBER:	112G01265	DATE:	12/19/2008
DRILLING COMPANY:	Groundwater Protection Inc.	GEOLOGIST:	G. Braganza
DRILLING RIG:	Geoprobe 66DT	DRILLER:	John Yerema

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							no soil cores collected		collect water				
							at this location (SB19)		sample from				
									37-41ft and				
									56-60ft interval				

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: no soil cores collected at SB19

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NTC ORLANDO SA 38
PROJECT NUMBER: 112G01265
DRILLING COMPANY: Groundwater Protection Inc.
DRILLING RIG: Geoprobe 66DT

BORING No.: SB20
DATE: 12/18/2008
GEOLOGIST: A. Jenkins
DRILLER: John Yerema

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							no soil core 0-60ft		collected GW				
							soil core 60-65ft		samples at				
									35-39ft, 54-58ft				
60													
					mod dense	grn grey	SANDY CLAY to CLAY (0.4ft)	ML-	plastic, soft	0	0	0	0
						lgt grey	SHELLY CLAY to GRAVELLY	GW-ML					
					loose		SILT, with some fine sand,		saturated-wet	0			
			3.9ft				limestone gravel with						
65							broken shells up to 5mm,			0			
					stiff	grn brn	grades down to silty sand						
							with some clay (bottom						
							0.4ft)						
70													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: only cored 60-65ft looking for Hawthorn Clay, lithology is same as 64-74ft of SB17, thick clay not likely present. Location is ~274ft SE of well 62D on Post Property, in direct line with Common Way Rd. Location is southernmost of 3 GW profile locations installed during this field effort.

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME:	NTC ORLANDO SA 38	BORING No.:	SB21
PROJECT NUMBER:	112G01265	DATE:	12/18/2008
DRILLING COMPANY:	Groundwater Protection Inc.	GEOLOGIST:	A. Jenkins
DRILLING RIG:	Geoprobe 66DT	DRILLER:	John Yerema

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							0-10 daylighted dk brown		collect GW				
							sand, begin soil core at 10ft		samples at				
									35-39ft, 54-58ft				
10													
					firm	dk brn	SAND, fine grain, occasional	SP	moist to wet at	0	0	0	0
					to		coarse grn rounded qtz		13ft, also is very				
			5.0ft		stiff		grain, mod-well sorted, little		dk brn to blk at	0			
							silt, easily becomes loose		12ft, becomes				
15									reddish brown	0			
					firm	red-	SAND, fn grn to med grn,	SP	reddish brn	0	0	0	0
					to	brn	becomes loose, little to		moist				
			~4.0ft		loose		no silt, no clay			0			
20										0			
						med	SAND, fine-medium grain	SP	moist	0	0	0	0
					loose	brn	5-10% very fine blk grains,						
			~4.0ft				little to no silt, no clay			0			
25							stop soil core at 25ft			0			
30													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: 15-20 and 20-25 core liners stuck in barrel, shake/vibrate sample out of liner = disturbed. Location is ~314ft due E of well 62D on Post Property, location is middle of 3 GW profile locations planned for this field effort

Converted to Well: Yes _____ No X Well I.D. #: _____

BORING LOG

Tetra Tech NUS, Inc.

PROJECT NAME:	NTC ORLANDO SA 38	BORING No.:	SB22
PROJECT NUMBER:	112G01265	DATE:	12/18/2008
DRILLING COMPANY:	Groundwater Protection Inc.	GEOLOGIST:	A. Jenkins
DRILLING RIG:	Geoprobe 66DT	DRILLER:	John Yerema

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows/6" or RQD (%)	Sample Recovery/ Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	PID/FID Reading (ppm): Sampler BZ	PID/FID Reading (ppm): Borehole**	PID/FID Reading (ppm): Driller BZ**
							0-10ft daylighted,		collect GW				
							dark brown sand		samples at				
									35-39ft, 54-58ft				
10													
					loose	v. dk brn	SAND, very fine to fine	SP	upper 3ft wet	0	0	0	0
							grain, occasional med-		then moist				
			5.0ft				coarse grains, subrounded		13-14.5ft has	0			
							some very fine shell hash		some				
15									cementation	0			
							SAND, fine to medium			0			
					loose	red	grain, little silt or clay	SP	moist				
			4.7ft		to	brn				0			
					firm								
20										0			
							SAND, same as above		moist	0	0	0	0
					loose	red	~5% very fine blk grains						
			5.0ft		to	brn				0			
					firm				becomes some				
25									lighter in color	0			
							stop soil core at 25ft						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks: very similar soil core as SB21. Location is ~273ft nearly due E of well 61C on Post Property, location is northernmost of 3 GW profile location for this field effort

Converted to Well: Yes _____ No X Well I.D. #: _____

WELL NO. OLD-38-49D

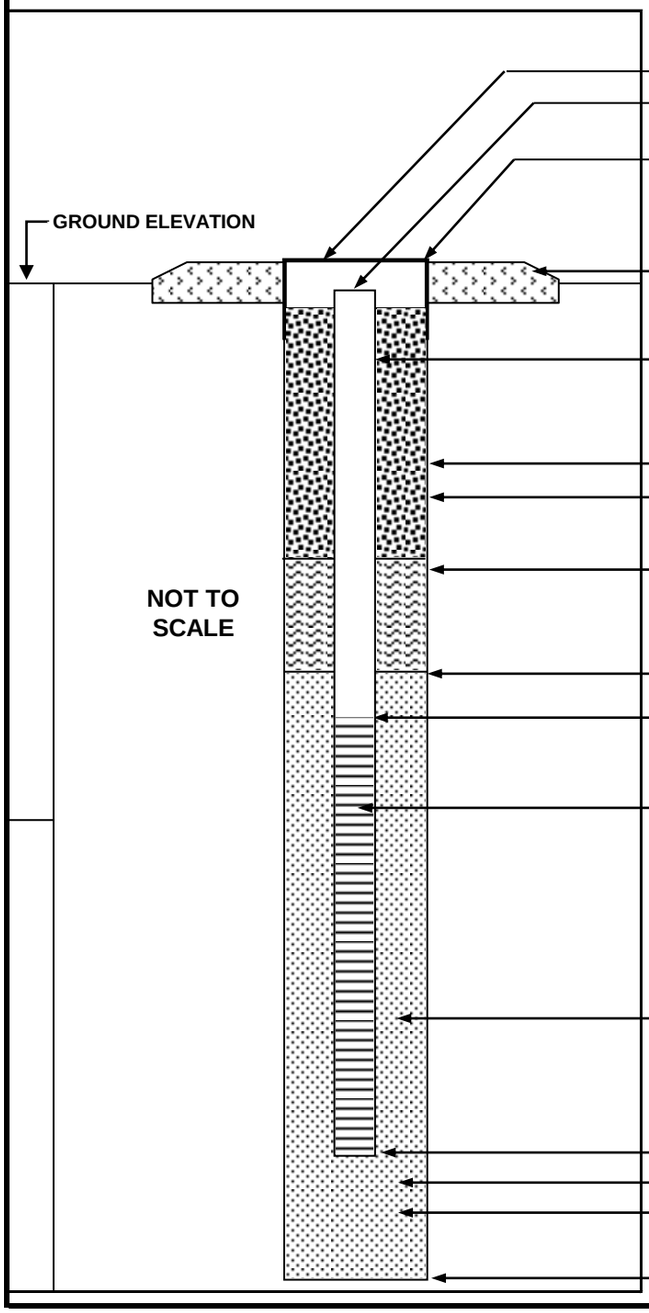
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER	Boart Longyear
PROJECT NO.	112G00131	BORING	SB01	DRILLING	
ELEVATION	113.33	DATE	12-Jun-07	METHOD:	Sonic
FIELD GEOLOGIST	Gary Braganza / Allan Jenkins			DEVELOPMENT	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement
RISER PIPE I.D.:	2-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6-inch
TYPE OF BACKFILL:	Cement / Bentonite grout mix
DEPTH OF SEAL:	52 feet
TYPE OF SEAL:	Bentonite
DEPTH - TOP OF SAND PACK:	55 feet
DEPTH - TOP OF SCREEN:	57 feet
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.006 X 5 feet
I.D. OF SCREEN:	2-inch
TYPE OF SAND PACK:	30/65 Fine grained sand
DEPTH TO BOTTOM OF SCREEN:	62 ft.
DEPTH TO BOTTOM OF SAND PACK:	63 ft.
DEPTH TO BOTTOM OF BOREHOLE:	63 ft.
TYPE OF BACKFILL BELOW MONITORING WELL:	30/65 Sand

WELL NO. OLD-38-50C

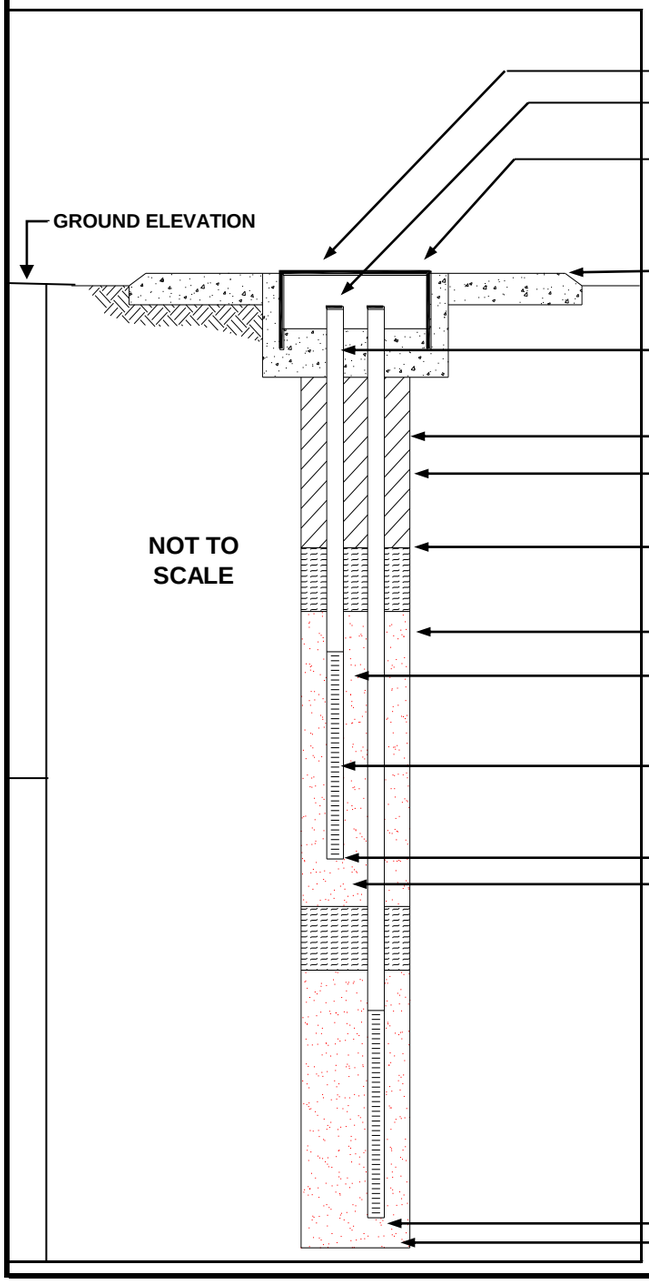
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER	Boart Longyear
PROJECT NO.	112G00131	BORING	SB02	DRILLING	
ELEVATION	113.87	DATE	14-Jun-07	METHOD:	SONIC
FIELD GEOLOGIST	Gary Braganza / Allan Jenkins			DEVELOPMENT:	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement (nested with well 51D)
RISER PIPE I.D.:	1-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6-inch
TYPE OF SEAL:	Cement/Bentonite grout mix (nested with well 51D)
DEPTH OF SEAL:	28 feet
TYPE OF SEAL:	Bentonite
DEPTH - TOP OF SAND PACK:	30 feet
DEPTH - TOP OF SCREEN:	33 feet
I.D. OF SCREEN:	1-inch
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.006 X 5 feet
DEPTH TO BOTTOM OF SCREEN:	38 ft.
DEPTH TO BOTTOM OF SAND PACK:	40 ft.
TYPE OF SAND PACK:	30/65 Fine grained sand
TYPE OF BACKFILL BELOW MONITORING WELL:	Bentonite
DEPTH TO BOTTOM OF BOREHOLE:	68 ft.

WELL NO. OLD-38-51D

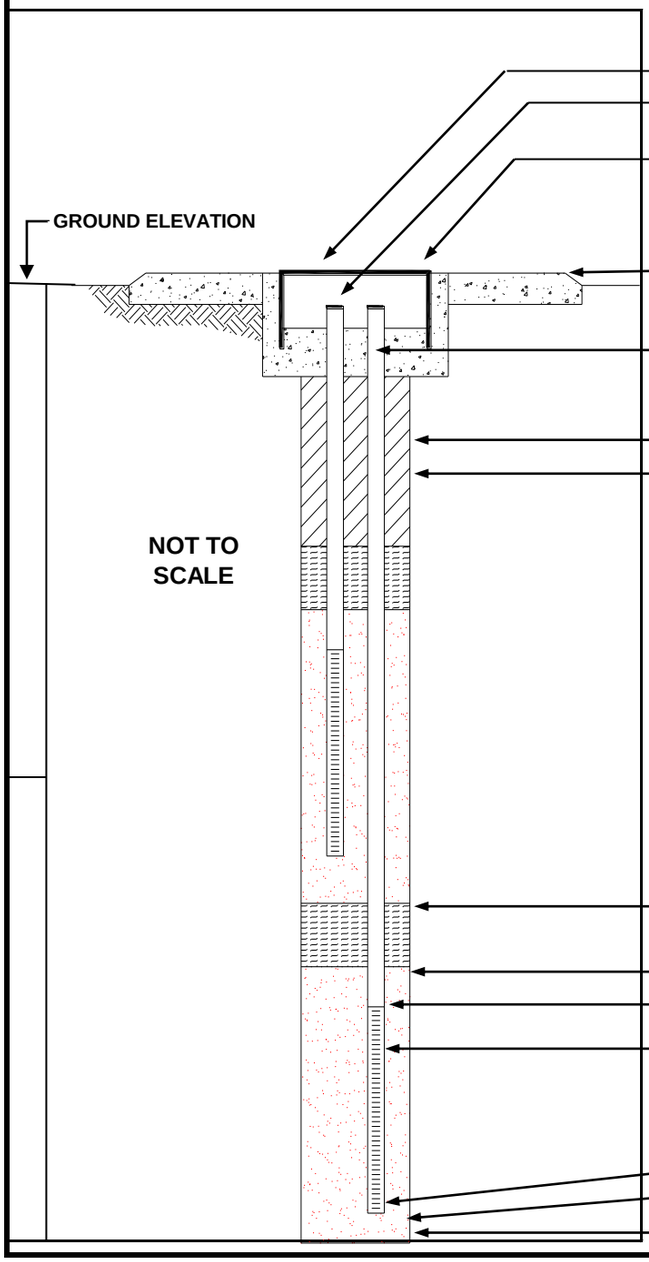
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER	Boart Longyear
PROJECT NO.	112G00131	BORING	SB02	DRILLING	
ELEVATION	113.88	DATE	14-Jun-07	METHOD:	SONIC
FIELD GEOLOGIST	Gary Braganza / Allan Jenkins			DEVELOPMENT:	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement (nested with well 50C)
RISER PIPE I.D.:	1-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6-inch
TYPE OF SEAL:	30/65 fine silica sand (nested with well 50C)
I.D. OF SCREEN:	1-inch
SLOT SIZE X LENGTH:	0.006 X 5 feet
TYPE OF SEAL:	Bentonite
DEPTH OF SEAL:	40 feet
DEPTH - TOP OF SAND PACK:	43 feet
DEPTH - TOP OF SCREEN:	45 feet
TYPE OF SCREEN:	PVC
TYPE OF SAND PACK:	30/65 Fine grained sand
TYPE OF BACKFILL BELOW MONITORING WELL:	Bentonite
DEPTH TO BOTTOM OF SCREEN:	50 ft.
DEPTH TO BOTTOM OF SAND PACK:	51 ft.
DEPTH TO BOTTOM OF BOREHOLE:	68 ft.

WELL NO. OLD-38-52C

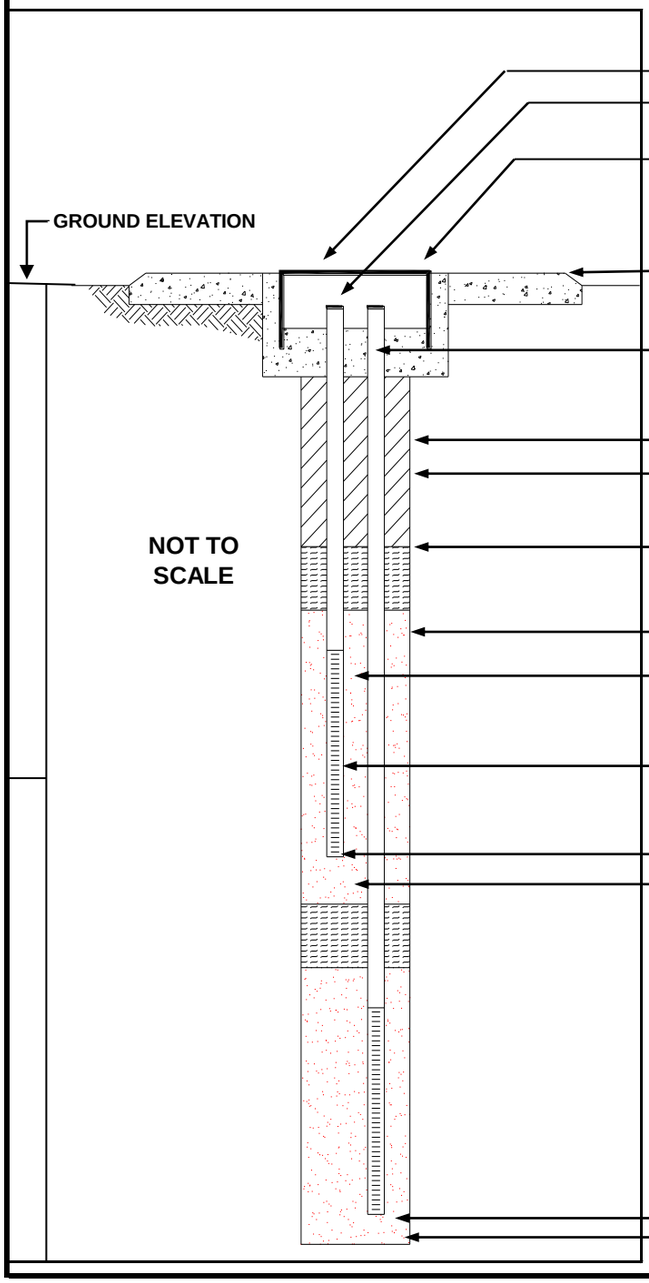
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER	Boart Longyear
PROJECT NO.	112G00131	BORING	SB03	DRILLING	
ELEVATION	114.32	DATE	15-Jun-07	METHOD:	SONIC
FIELD GEOLOGIST	Gary Braganza / Allan Jenkins			DEVELOPMENT:	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement (nested with well 53D)
RISER PIPE I.D.:	1-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6-inch
TYPE OF SEAL:	Cement / Bentonite grout mix (nested with well 53D)
DEPTH OF SEAL:	30 feet
TYPE OF SEAL:	Bentonite
DEPTH - TOP OF SAND PACK:	32 feet
DEPTH - TOP OF SCREEN:	35 feet
I.D. OF SCREEN:	1-inch
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.006 X 5 feet
DEPTH TO BOTTOM OF SCREEN:	40 ft.
DEPTH TO BOTTOM OF SAND PACK:	41 ft.
TYPE OF SAND PACK:	30/65 Fine grained sand
TYPE OF BACKFILL BELOW MONITORING WELL:	30 / 65 fine sand
DEPTH TO BOTTOM OF BOREHOLE:	50 ft.

WELL NO. OLD-38-53D

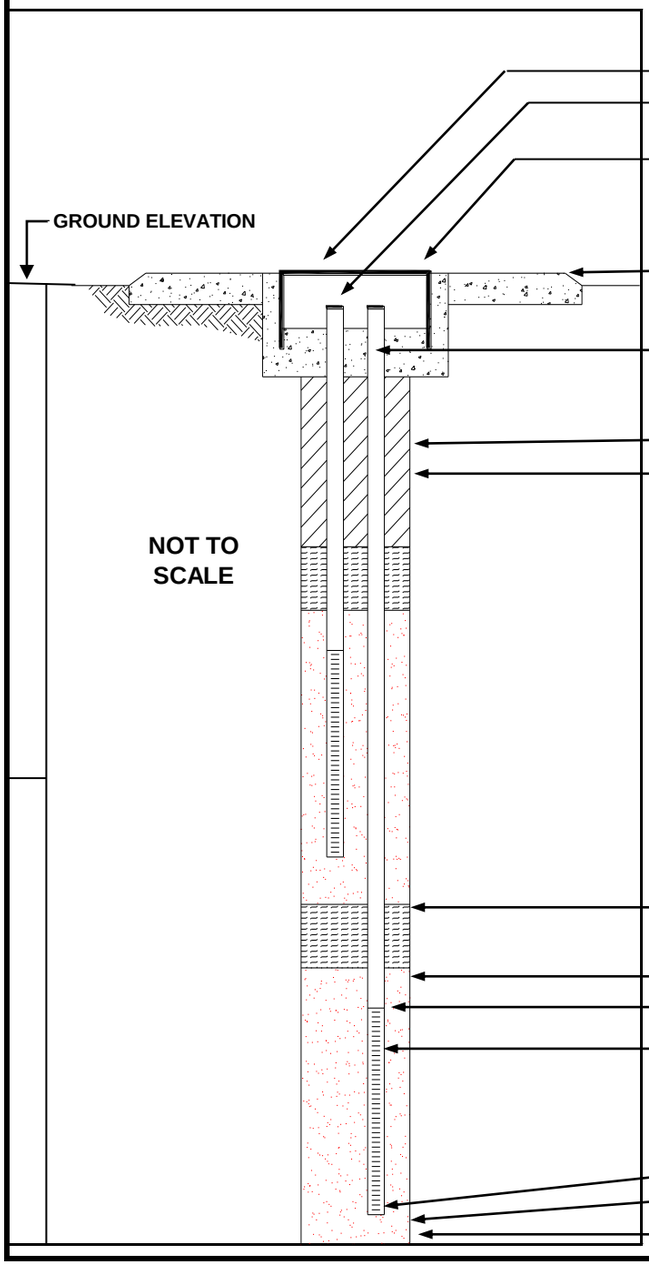
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER	Boart Longyear
PROJECT NO.	112G00131	BORING	SB03	DRILLING	
ELEVATION	114.33	DATE	15-Jun-07	METHOD:	SONIC
FIELD GEOLOGIST	Gary Braganza / Allan Jenkins			DEVELOPMENT:	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland cement (nested with well 52C)
RISER PIPE I.D.:	1-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6-inch
TYPE OF SEAL:	30/65 fine silica sand (nested with well 52C)
I.D. OF SCREEN:	1-inch
SLOT SIZE X LENGTH:	0.006 X 5 feet
TYPE OF SEAL:	Bentonite
DEPTH OF SEAL:	41 feet
DEPTH - TOP OF SAND PACK:	42 feet
DEPTH - TOP OF SCREEN:	44 feet
TYPE OF SCREEN:	PVC
TYPE OF SAND PACK:	30/65 Fine grained sand
TYPE OF BACKFILL BELOW MONITORING WELL:	Bentonite
DEPTH TO BOTTOM OF SCREEN:	49 ft.
DEPTH TO BOTTOM OF SAND PACK:	50 ft.
DEPTH TO BOTTOM OF BOREHOLE:	58 ft.

WELL NO. OLD-38-54C

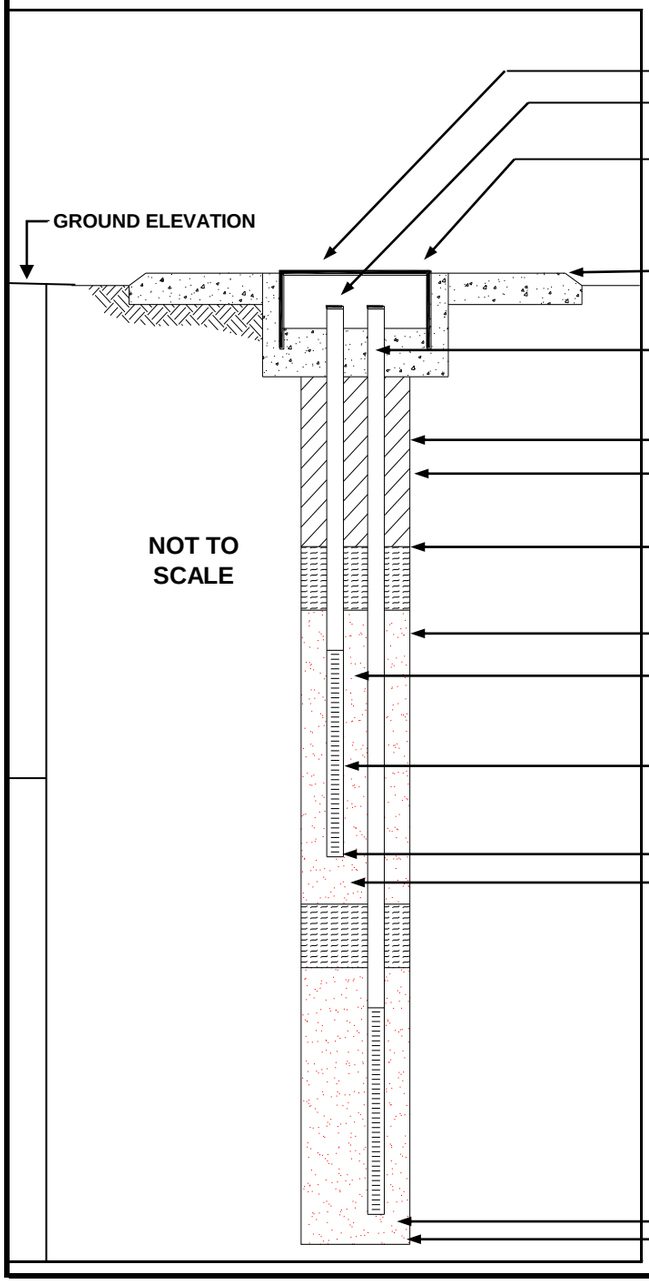
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER	Boart Longyear
PROJECT NO.	112G00131	BORING	SB04	DRILLING	
ELEVATION	112.50	DATE	15-Jun-07	METHOD:	SONIC
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement (nested with well 55D)
RISER PIPE I.D.:	1-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6-inch
TYPE OF SEAL:	Bentonite / Cement grout mix
DEPTH OF SEAL:	30 feet
TYPE OF SEAL:	Bentonite
DEPTH - TOP OF SAND PACK:	32 feet
DEPTH - TOP OF SCREEN:	35 feet
I.D. OF SCREEN:	1-inch
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.006 X 5 feet
DEPTH TO BOTTOM OF SCREEN:	40 ft.
DEPTH TO BOTTOM OF SAND PACK:	41 ft.
TYPE OF SAND PACK:	30/65 find-grained sand
TYPE OF BACKFILL BELOW MONITORING WELL:	30/65 Fine sand
DEPTH TO BOTTOM OF BOREHOLE:	58 ft.

WELL NO. OLD-38-55D

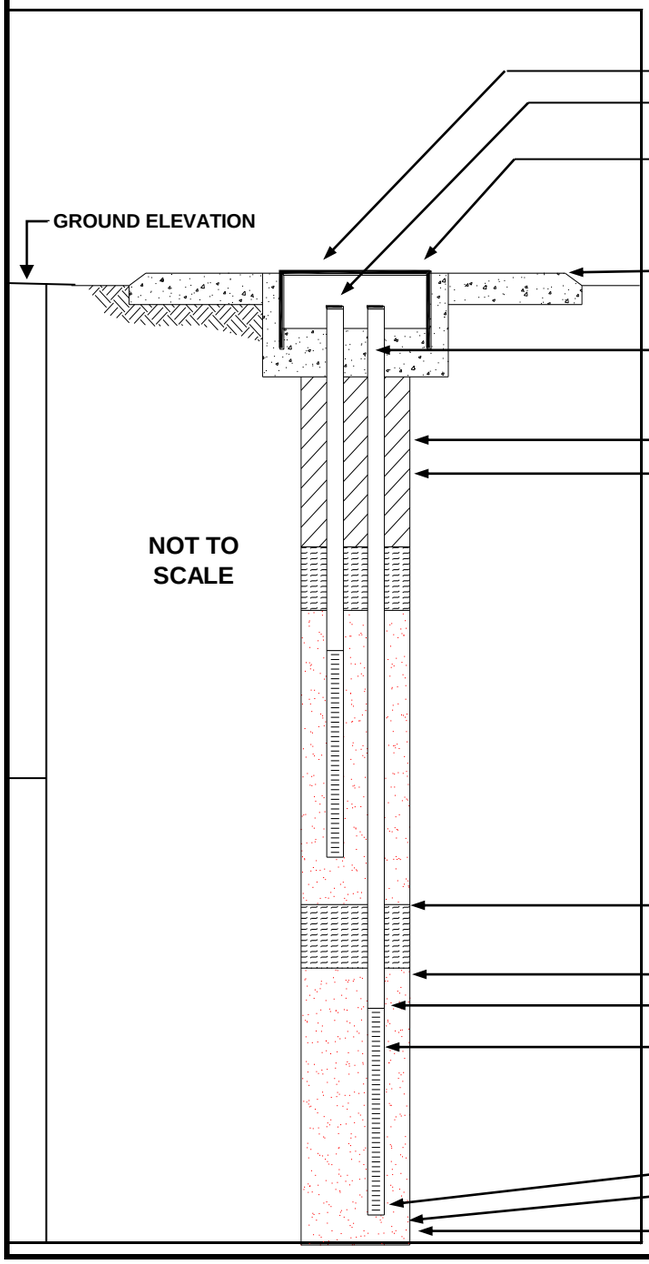
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER	Boart Longyear
PROJECT NO.	112G00131	BORING	SB04	DRILLING	
ELEVATION	112.53	DATE	15-Jun-07	METHOD:	SONIC
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement (nested with well 54C)
RISER PIPE I.D.:	1-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6-inch
TYPE OF SEAL:	30/65 fine silica sand (nested with well 54C)
I.D. OF SCREEN:	1-inch
SLOT SIZE X LENGTH:	0.006 X 5 feet
TYPE OF SEAL:	Bentonite
DEPTH OF SEAL:	41 feet
DEPTH - TOP OF SAND PACK:	43 feet
DEPTH - TOP OF SCREEN:	45 feet
TYPE OF SCREEN:	PVC
TYPE OF SAND PACK:	30/65 Fine grained sand
TYPE OF BACKFILL BELOW MONITORING WELL:	Bentonite
DEPTH TO BOTTOM OF SCREEN:	50 ft.
DEPTH TO BOTTOM OF SAND PACK:	51 ft.
DEPTH TO BOTTOM OF BOREHOLE:	58 ft.

WELL NO. OLD-38-56C

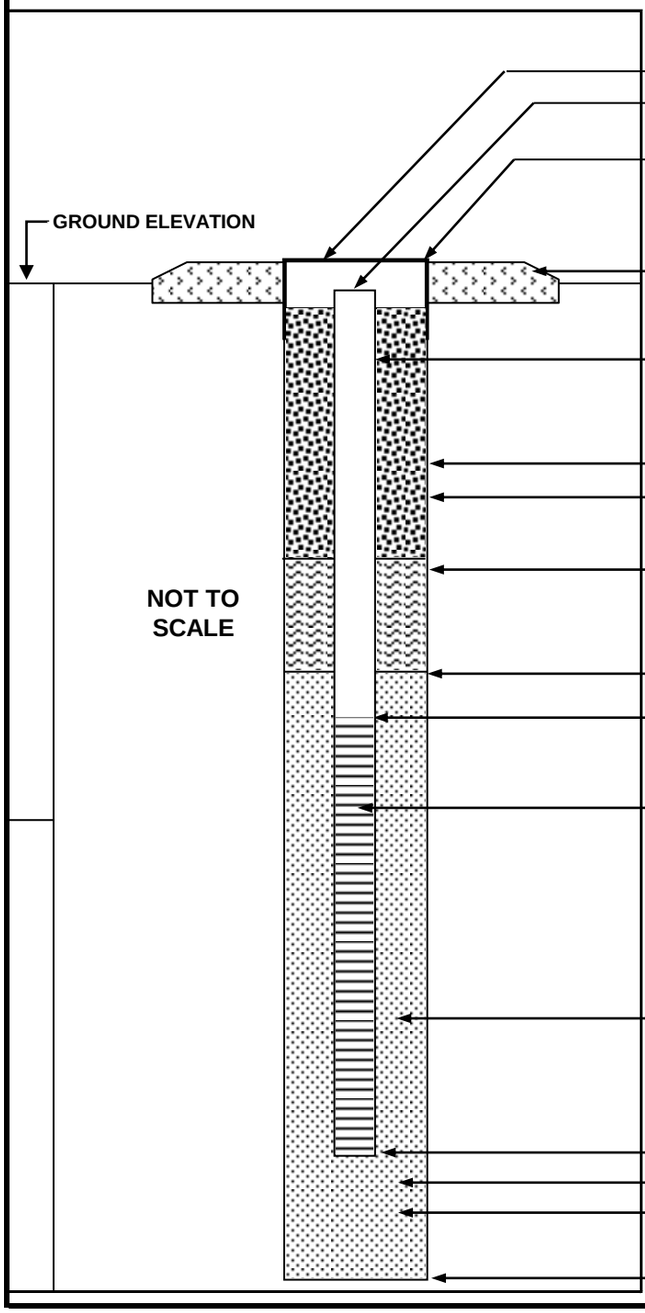
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER	GPI Jim Hintz
PROJECT NO.	112G00131	BORING	56C	DRILLING	
ELEVATION	114.65	DATE	8-Aug-07	METHOD:	Hollow Stem Auger
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement
RISER PIPE I.D.:	1-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6.5-inch
TYPE OF SEAL:	Bentonite/ grout mix
DEPTH OF SEAL:	27 feet
TYPE OF SEAL:	Bentonite chips
DEPTH - TOP OF SAND PAC	28 feet
DEPTH - TOP OF SCREEN:	30 feet
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.006 X 5 feet.
I.D. OF SCREEN:	1-inch
TYPE OF SAND PACK:	30/65 fine-grained sand
DEPTH TO BOTTOM OF SCREEN:	35.0 ft.
DEPTH TO BOTTOM OF SAND PACK:	35.5 ft.
DEPTH TO BOTTOM OF BOREHOLE:	35.5 ft.
TYPE OF BACKFILL BELOW MONITORING WELL:	30/65 sand

WELL NO. OLD-38-57A

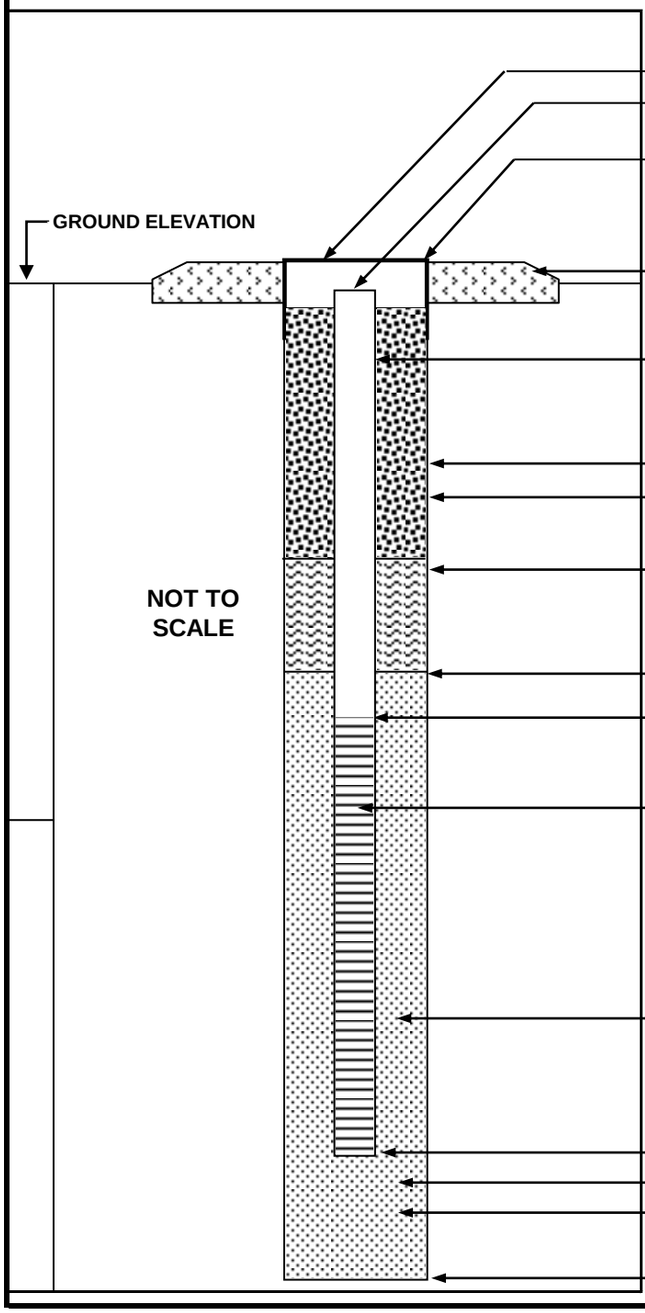
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER:	Jim Hintz
PROJECT NO.	112G00131	BORING	57A	DRILLING COMPANY:	GPI
ELEVATION	113.7	DATE	9-Aug-07	DRILLING METHOD:	Hollow Stem Auger
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Submersible pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement
RISER PIPE I.D.:	1-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	6.5-inch
TYPE OF SEAL:	Bentonite/ grout mix
DEPTH OF SEAL:	2 feet
TYPE OF SEAL:	Bentonite chips
DEPTH - TOP OF SAND PACK	3 feet
DEPTH - TOP OF SCREEN:	5 feet
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.006 X 10 feet
I.D. OF SCREEN:	
TYPE OF SAND PACK:	30/65 silica sand
DEPTH TO BOTTOM OF SCREEN:	15.0 ft.
DEPTH TO BOTTOM OF SAND PACK:	15.5 ft.
DEPTH TO BOTTOM OF BOREHOLE:	15.5 ft.
TYPE OF BACKFILL BELOW MONITORING WELL:	30/65 sand

WELL NO. OLD-38-58

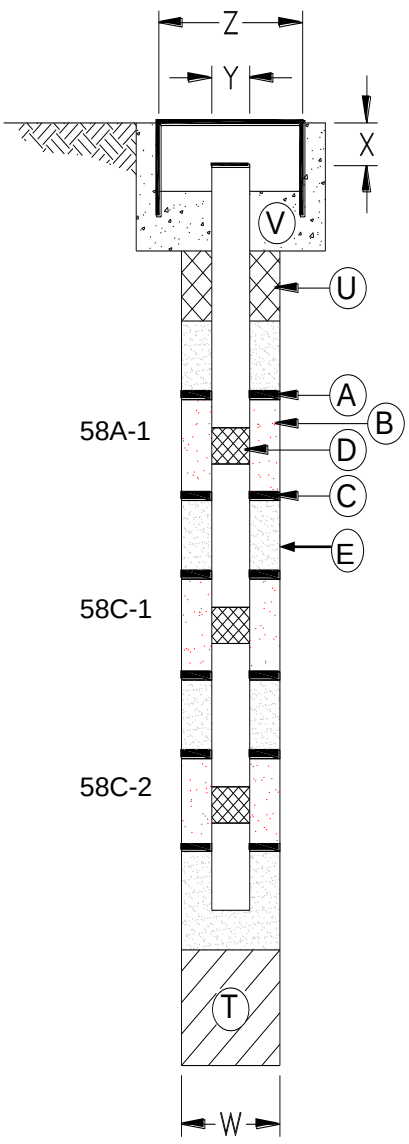
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

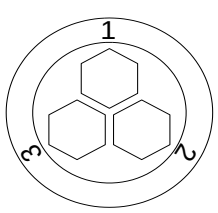
PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER:	Jim Hintz
PROJECT NO.	112G00131	BORING	OLD-38-58	DRILLING COMPANY:	GPI
ELEVATION	113.18	DATE	9-Aug-07	DRILLING METHOD:	Hollow Stem Auger
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Submersible pump



All depths Below Top Of Casing

	Well 58A-1	Well 58C-1	Well 58C-2
A	2-3 ft. Bentonite Chips	27-28 ft. Bentonite Chips	37-38 ft. Bentonite Chips
B	3-17 ft. 30/65 Silica Sand	28-37 ft. 30/65 Silica Sand	38-46 ft. 30/65 Silica Sand
C	**** Bentonite Chips	**** Bentonite Chips	**** Bentonite Chips
D	**5-15 ft.** 0.006 ft. dia. Mesh	**30-35 ft.** 0.006 ft. dia. Mesh	**40-45 ft.** 0.006 ft. dia. Mesh
E	****	****	****

T	30/65 Silica Sand
U	1 ft. Bentonite/Grout Mix
V	1 ft. Portland Cement
W	6.5 in.
X	0 ft. CMT
Y	1 in.
Z	0 ft.



58 A-1
58 C-1
58 C-2

A= Top of Seal
B= Sand Pack
C= Bottom of Seal
D= Screen
E= Annular Fill

T= Backfill
U= Annular Seal
V= Surface Seal
W= Diameter of Borehole
X= Elevation of Riser Pipe

Y= Diameter of Piping
Z= Elevation of Drive-Over Box

WELL NO. OLD-38-59C

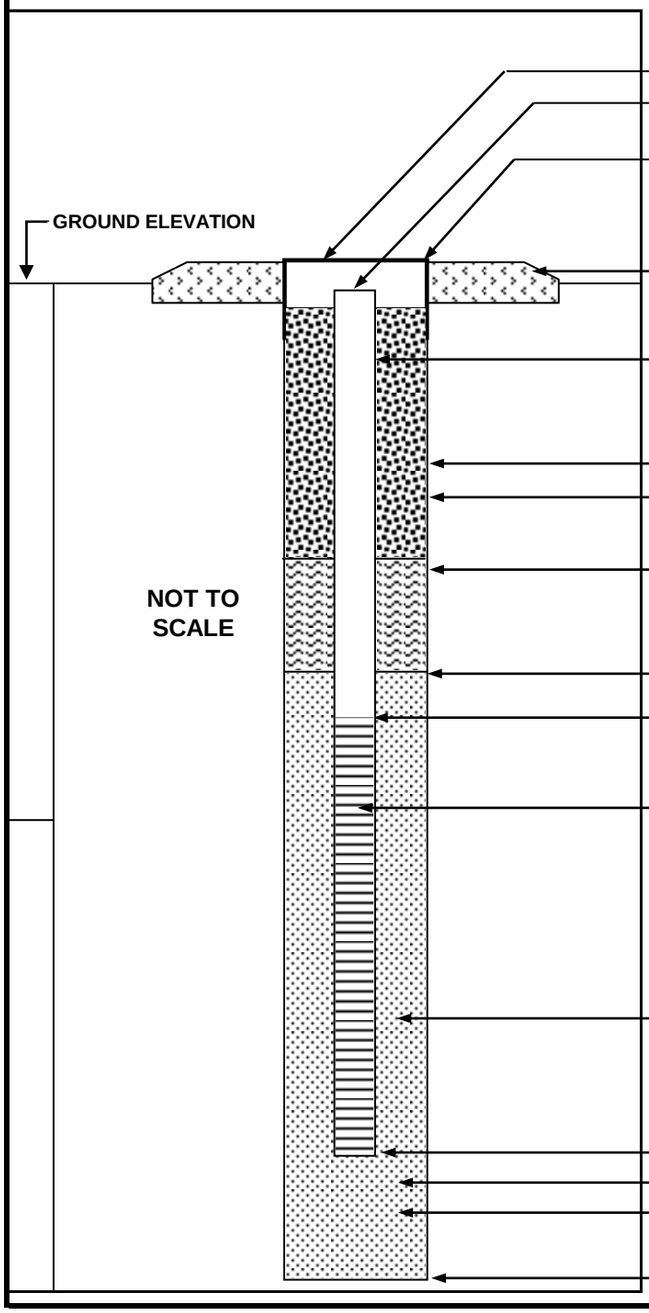
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER:	Billy Moss
PROJECT NO.		BORING	SB09	DRILLING COMPANY:	GPI
ELEVATION	106.07	DATE	4-Jun-08	DRILLING METHOD:	DPT
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Peristaltic pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement
RISER PIPE I.D.:	1.5-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	3-inch
TYPE OF SEAL:	Bentonite/ grout mix
DEPTH OF SEAL:	33 feet
TYPE OF SEAL:	Fine Sand 30/65
DEPTH - TOP OF SAND PACK	35 feet
DEPTH - TOP OF SCREEN:	35 feet
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.010 X 5 feet
I.D. OF SCREEN:	1.5-inch
TYPE OF SAND PACK:	Pre-Pack Screen 20/30-30/45
DEPTH TO BOTTOM OF SCREEN:	40.0 ft.
DEPTH TO BOTTOM OF SAND PACK:	40.0 ft.
DEPTH TO BOTTOM OF BOREHOLE:	40.0 ft.
TYPE OF BACKFILL BELOW MONITORING WELL:	N/A

WELL NO. OLD-38-60C

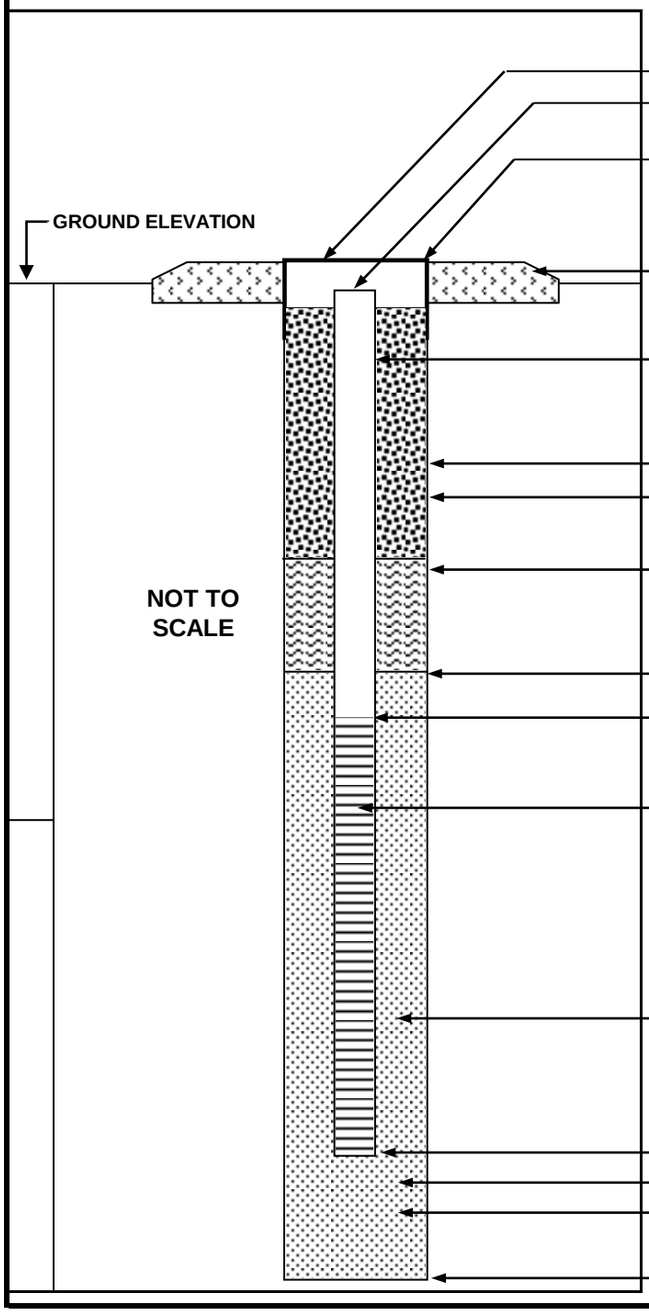
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER:	Billy Moss
PROJECT NO.		BORING	SB11	DRILLING COMPANY:	GPI
ELEVATION	105.93	DATE	4-Jun-08	DRILLING METHOD:	DPT
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Peristaltic pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement
RISER PIPE I.D.:	1.5-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	3-inch
TYPE OF SEAL:	Bentonite/ grout mix
DEPTH OF SEAL:	28 feet
TYPE OF SEAL:	Fine Sand 30/65
DEPTH - TOP OF SAND PACK	30 feet
DEPTH - TOP OF SCREEN:	30 feet
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.010 X 5 feet
I.D. OF SCREEN:	1.5-inch
TYPE OF SAND PACK:	Pre-Pack Screen 20/30-30/45
DEPTH TO BOTTOM OF SCREEN:	35.0 ft.
DEPTH TO BOTTOM OF SAND PACK:	35.0 ft.
DEPTH TO BOTTOM OF BOREHOLE:	35.0 ft.
TYPE OF BACKFILL BELOW MONITORING WELL:	N/A

WELL NO. OLD-38-61C

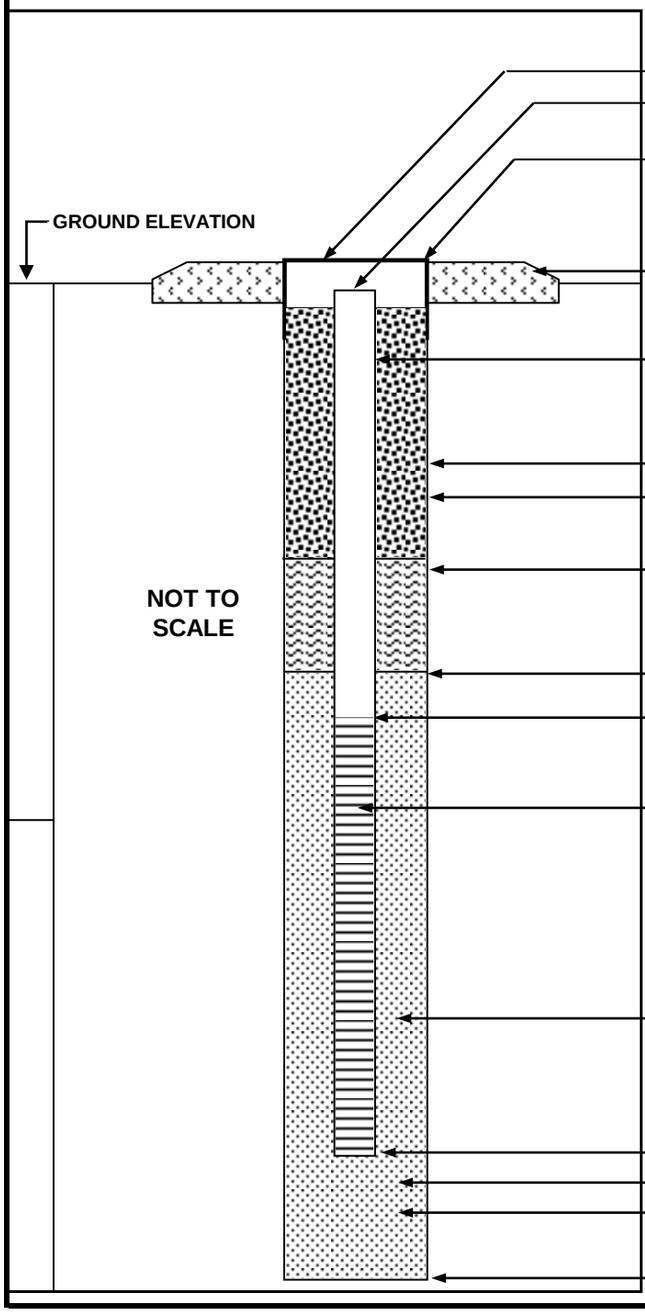
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER:	Billy Moss
PROJECT NO.		BORING	SB15	DRILLING COMPANY:	GPI
ELEVATION	105.71	DATE	6-Jun-08	DRILLING METHOD:	DPT
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Peristaltic Pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement
RISER PIPE I.D.:	1.5-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	3-inch
TYPE OF SEAL:	Bentonite/ grout mix
DEPTH OF SEAL:	28 feet
TYPE OF SEAL:	Fine Sand 30/65
DEPTH - TOP OF SAND PACK	30 feet
DEPTH - TOP OF SCREEN:	30 feet
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.010 X 5 feet
I.D. OF SCREEN:	1.5-inch
TYPE OF SAND PACK:	Pre-Pack 20/30-30/45
DEPTH TO BOTTOM OF SCREEN:	35.0 ft.
DEPTH TO BOTTOM OF SAND PACK:	35.0 ft.
DEPTH TO BOTTOM OF BOREHOLE:	35.0 ft.
TYPE OF BACKFILL BELOW MONITORING WELL:	N/A

WELL NO. OLD-38-62D

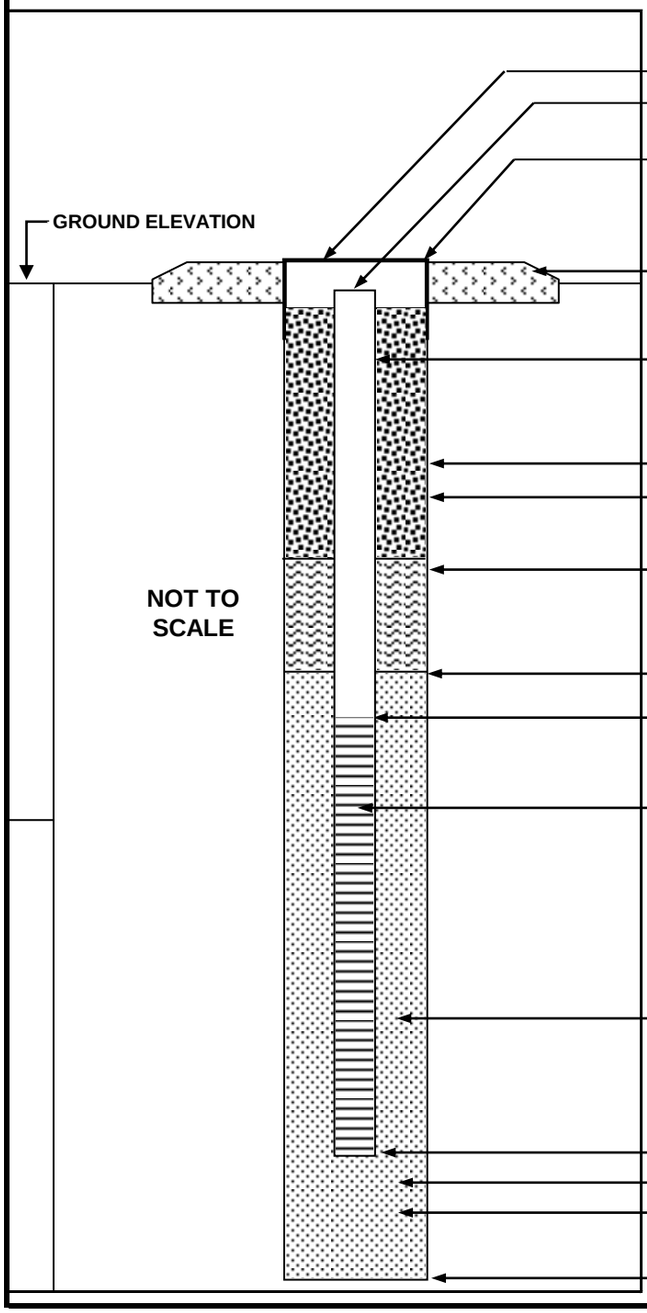
OVERBURDEN

MONITORING WELL SHEET

FLUSH - MOUNT

Tetra Tech NUS, Inc.

PROJECT	NTC Orlando	LOCATION	SA 38	DRILLER:	Billy Moss
PROJECT NO.		BORING	SB16	DRILLING COMPANY:	GPI
ELEVATION	106.29	DATE	5-Jun-08	DRILLING METHOD:	DPT
FIELD GEOLOGIST	Gary Braganza			DEVELOPMENT:	Peristaltic Pump



ELEVATION OF TOP OF DRIVE-OVER BOX:	0
ELEVATION OF TOP OF RISER PIPE:	0
I.D. OF DRIVE-OVER BOX:	8-inch
TYPE OF SURFACE CASING:	Steel Manhole
TYPE OF SURFACE SEAL:	Portland Cement
RISER PIPE I.D.:	1.5-inch
TYPE OF RISER PIPE:	PVC
BOREHOLE DIAMETER:	3.25-inch
TYPE OF SEAL:	Bentonite/ grout mix
DEPTH OF SEAL:	53 feet
TYPE OF SEAL:	Fine Sand 30/65
DEPTH - TOP OF SAND PACK	55 feet
DEPTH - TOP OF SCREEN:	55 feet
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	0.010 X 5 feet
I.D. OF SCREEN:	1.5-inch
TYPE OF SAND PACK:	Pre-Pack 20/30-30/45
DEPTH TO BOTTOM OF SCREEN:	60.0 ft.
DEPTH TO BOTTOM OF SAND PACK:	60.0 ft.
DEPTH TO BOTTOM OF BOREHOLE:	60.0 ft.
TYPE OF BACKFILL BELOW MONITORING WELL:	N/A

APPENDIX C

CMT WELL INFORMATION

CMT Multilevel System*

Model 403

This multilevel system is reliable, easy to install and inexpensive. It provides site assessors with a better understanding of three-dimensional groundwater flow and the distribution of contaminants in the subsurface. Remediation strategies can then be targeted more precisely, focusing efforts in the most effective manner.

The CMT Multilevel System makes the accurate monitoring of contaminant plumes much more affordable. It provides detailed vertical as well as horizontal data. Monitoring zones are set where needed and the single tube design allows reliable seals between zones.

Two systems are available. The 1.7" (43 mm) OD polyethylene tubing, segmented into seven channels, allows groundwater monitoring at up to 7 depth-discrete zones. The 3-Channel System uses the same material and construction, but it is only 1.1" (28 mm) in diameter. This narrow tube was developed for smaller diameter installations, especially direct push where the annulus for seal placement is narrow.

Construction of CMT ports in a 7-Channel System installed in Silsoe, England.

Advantages of Multilevel Systems

- Provide the most accurate 3-D assessment of a site
- Vital to understanding vertical contaminant distribution
- Allow documentation of changes in the concentration and delineation of contaminant plumes
- Low cost compared to multiple individual wells
- Minimize site disturbance

Research has shown that contaminant plumes are often thin and highly stratified. It has also been documented that traditional monitoring wells, with long screened intervals blend the groundwater over the entire length of the screen**. This can mask the true contaminant concentrations and distribution. Multilevel wells with short screened intervals overcome this problem. This high-resolution data gives unprecedented definition of the subsurface contamination, resulting in more effective and less expensive remediation. Water quality data from short-screened wells yield high quality, defensible data.

Applications

- Identify vertical as well as horizontal contaminant distribution with transect monitoring
- Ideal for shallow wells in high water table environments
- Multilevel water sampling and level monitoring in unconsolidated soils or bedrock
- Dewatering impact assessments at construction & mining sites
- Mass transport calculations and mass flux estimation
- Monitoring of natural attenuation or remediation processes, and documentation of its effectiveness
- VOC, MTBE and Perchlorate monitoring at NAPL sites
- Determination of the best location for reactive barrier walls, the Waterloo Emitter and other remediation methodologies
- Vapor monitoring with special wellhead seals
- Helps optimize design and performance assessment of remedial options

**Elci et al (2001). Implications of observed and simulated ambient flow in monitoring well. Ground Water 39, no. 6: 853-862*

**U.S. Patents # 6,865,933 B1, #6,758,274 B2, Canadian Patent # 2,260,587, Other Patents Applied For.*

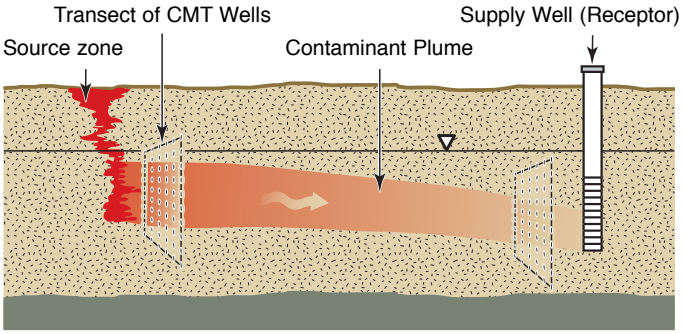
Multilevel Monitoring is Essential

Multilevels provide the most reliable, detailed data for accurate 3-D site assessment. Important advantages include:

Eliminates contaminant mixing in long screened wells – which averages out heads and contaminants, masks narrow zones of contamination and vertical variations, underestimates the extent and concentration levels due to dilution. Multilevels monitor discrete intervals.

Prevents biases due to ambient flow – cross communication of contaminants can occur when different zones in a borehole are not isolated. Properly sealed multilevels avoid ambient flow within a well.

Provides data for Mass Flux Calculations – Calculating the contaminant concentration and flow rate helps determine the maximum contaminant concentration and risk to receptors. A transect of multilevels across the groundwater flow path provides data for mass flux calculations.



CMT Transects for Mass Flux Assessment

Allows optimized remediation design – Using data from multilevels to accurately define the thickness, concentration variations and extent of a plume.

Saves Cost – through reduced permitting and drilling costs; and because narrow tubes allow smaller purge volumes, reduced disposal costs, efficient low flow sampling and rapid response to pressure changes, all reduce field time.

Advantages of the CMT Multilevel System

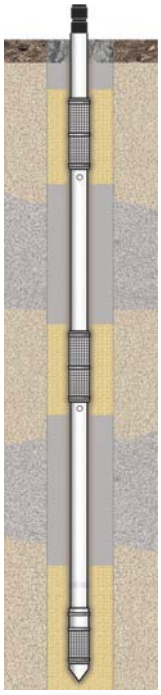
- Low cost and easy to install and use
- No joints - one smooth surface for easy, effective sealing
- Up to 7 depth-discrete zones in a single tube
- Locate ports and seals exactly where desired
- Installs quickly in large direct push casing and boreholes
- One 7-Channel CMT System can be completed by two people in under 3 hours, 3-Channel even faster
- Borehole not left open to allow cross contamination
- Isolated zones ensured using sand and bentonite layers or 3-Channel Cartridges - reliable and inexpensive
- Minimizes the risk of producing new contaminant pathways
- Option to decommission by injection of low viscosity grout

One CMT System - Two Sizes

Features	7 Channel	3 Channel
Tubing diameter	1.7" (43 mm)	1.1" (28 mm)
Monitoring zones	Up to 7	up to 3
Channel diameter	6-Pie: 0.4" (10 mm) 1-Hex: 3/8" (9.5 mm)	3-Hex: 3/8" (9.5 mm)
Channel volume	40 mL / ft 30 mL / ft (center)	30 mL / ft
Installation options	Sand & bentonite backfill Collapse	Bentonite & sand cartridges Sand & bentonite backfill Collapse
Coil lengths (Coil 4 ft. dia.)	100 ft. (30 m), 200 ft (60 m) & 300 ft. (90 m)	100 ft. (30 m), 200 ft. (60 m) & 500 ft. (150 m)
Centralizer sizes (other sizes optional)	4.4" standard (112 mm)	3.3" standard (84 mm)
Borehole diameter recommended for backfill installations	4" (100 mm) and larger	3.5" (89 mm) and larger
Borehole diameter for installations with seal and sand cartridges	N/A	2.8" - 3.5" (71 mm - 89 mm)

3-Channel CMT Bentonite and Sand Cartridges

Typical 3-Channel CMT Installation in Overburden with Bentonite and Sand Cartridges



Typical 3 or 7-Channel CMT Installation using Layers of Bentonite and Sand Backfilled from Surface

Multichannel Tubing

A multilevel well that uses a continuous length of multichannel tubing has the advantage over other multilevels in that there are no joints. This significantly reduces the time and cost of installing wells and at the same time increases the reliability of the system. The CMT is very simple and convenient to use, as it gives full flexibility as to where monitoring zones are located.

The number and location of ports may be determined in advance, or after drilling the borehole. A Port Cutting Guide is used to create a port in a given channel, at the specified depth to be monitored. A plug is positioned and sealed in the channel just below the port opening and a stainless steel screen is fixed in place over the port to prevent fines from entering. Each channel is also sealed at the bottom of the tubing to avoid cross communication between monitoring zones.

Seals and Sand Packs

The CMT can be installed using standard sand and bentonite layers placed via a tremie pipe, or poured directly from the surface. The Model 103 Tagline is ideal for accurate placement of sand and bentonite during borehole completion. If the installation is in loose sands, natural collapse can be used, allowing the sand to collapse around the tubing.

CMT Installation Tools and Components

3-Channel Sand and Bentonite Cartridges

For direct push installation of the 3-Channel System, the annulus available is often too small to accurately place sand and bentonite layers. Therefore, bentonite cartridges have been developed to give reliable seals between zones, and accompanying sand cartridges to complete the installation.

These cartridges are approximately 2.4" (61 mm) in diameter and will fit inside various direct push drill rods. Ideally, the borehole diameter these bentonite cartridges are used in should not exceed a nominal 3.5" (90 mm), to ensure proper expansion and sealing.

CMT Installation at UK Chlorinated Solvents Site (Source: Waterra, UK)

Monitoring CMT Multilevel Wells

Water levels and samples can be accurately obtained using the following quality Solinst instruments:

Water Levels: The narrow coaxial cable Model 102 Water Level Meter with the 1/4" (6.4 mm) diameter probe is ideal for taking water level measurements in either CMT System.

Samples: Sampling can be performed using the Solinst Peristaltic Pump, which has a suction lift limit of approximately 25 ft (7.5 m). The Mini Inertial Pump can be used with inexpensive polyethylene tubing to depths of 50 ft. (15 m), or using Teflon® tubing to depths of 150 ft. (45 m). The Micro Double Valve Pump (DVP) is ideal for low flow VOC sampling in narrow applications. The Micro DVP is made of flexible Teflon® or polyethylene tubing which is 3/8" (9.5 mm) in diameter. A manifold at the surface has a quick-connect fitting for attachment to the Solinst Electronic Control Unit and a bypass for easy sample collection. Operation is easy, as the Electronic Control Unit has built in pre-sets. A multi-purge manifold is also available for the Micro DVP.

Vapor Samples: A special Vapor Wellhead Assembly can be used to obtain depth discrete vapor samples.

Mini Inertial Pump 1/4" (6mm)

Model 410 Peristaltic Pump

Model 408M DVP 3/8" (9.5 mm)

Model 102 Water Level Meter

Model 403 Vapor Wellhead

Model 466 Electronic Control

® *Teflon is a registered trademark of Dupont Corp.*

CMT Field Applications

3-Channel CMT installation at a plant in Zeitz, Germany. Systems were completed using natural collapse and are being used to assess natural attenuation of BTEX.

Installation of a 3-Channel CMT System with bentonite and sand cartridges. Three zones were monitored over a 20 ft (6 m) depth. The installation was completed in glacial till at the University of Waterloo, Ontario Canada.

CMT System installed to a 60 m (200 ft) depth with seven monitoring zones. Installation was completed by placing layers of sand and bentonite to monitor a BTEX/MTBE plume in a Chalk aquifer, United Kingdom.

A gas station site in Watsonville, California. Five 3-Channel CMT Systems were installed to monitor gasoline contamination and MTBE plume. Installations were completed within hollow stem augers using bentonite and sand layers to isolate each monitoring zone.

CMT Training Programs

Solinst offers CMT courses that provide both instruction and hands-on training for CMT construction and installation. Individual contractors who attend and complete the training are "Certified" and can be listed on the Solinst website at: **http://www.solinst.com/Prod/403/training.html**

As well as the Environmental Drilling Contractors who are training to become "Certified CMT Installers", attendees often include regulators, consultants, Solinst Agents and their clients. In some states, these training courses qualify for continuing education credits.

Courses are offered at various environmental conferences throughout the year, such as those put on by the NGWA, Battelle and others. For larger groups Solinst can set up a training session at the group's own facility.

Please contact Solinst should you wish to attend or set up a training session.

Instructing drilling contractors and consultants on CMT installation techniques at Battelle Bio-Symposium, Baltimore, Maryland.

CMT Installation and training as part of a "Multilevel Course" given by the University of Cranfield at Silsoe, U.K., in conjunction with Waterra (UK), British Geological Survey & Norwest Holst.

First CMT installer certification course, conducted at the NGWA Expo in Las Vegas, December 2004. Contractors are being instructed on proper port construction.

Outdoor installation/ demonstration at premises of Parrat-Wolff, Environmental and Geotechnical Drilling Services, Syracuse, New York.

Printed in Canada
11/05

For further information contact: Solinst Canada Ltd.
Fax: +1 (905) 873-1992; (800) 516-9081 Tel: +1 (905) 873-2255; (800) 661-2023
35 Todd Road, Georgetown, Ontario, Canada L7G 4R8
Web Site: www.solinst.com E-mail: instruments@solinst.com

APPENDIX D

GROUNDWATER SAMPLE LOG SHEETS

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO - SA 38
Project No.: N00131

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC G44C 061907
Sample Location: 44C
Sampled By: GB + SV
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 6/19/07 Time: 11:15 Method: low flow	clear	4.9	7.0	26.1	29.0	0.5	0.0	-158

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other ORP	
Date: 6/19/07									
Method: low flow	5000	4.7	7.0	26.1	29.1	1.2	0.0	-140	10:40
Monitor Reading (ppm): 0	500	4.9	7.0	26.1	29.0	0.5	0.0	-150	10:45
Well Casing Diameter & Material	500	4.9	7.0	26.1	29.0	0.5	0.0	-156	10:50
Type: 2" PVC.	500	4.9	7.0	26.1	29.0	0.5	0.0	-155	10:55
Total Well Depth (TD): 35.18	500	4.9	7.0	26.1	30.0	0.5	0.0	-156	11:00
Static Water Level (WL): 9.59	500	4.9	7.0	26.1	30.0	0.5	0.0	-158	11:05
One Casing Volume(gal/L): 4.09	500	4.9	7.0	26.1	29.0	0.5	0.0	-158	11:10
Start Purge (hrs): ~~8~~ 9:50									
End Purge (hrs): 11:10									
Total Purge Time (min): 80									
Total Vol. Purged (gal/L): 8L									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC's	HCl	3-40 ml vials	✓
TRPH	H_2SO_4	2-1 liter ambers.	✓

OBSERVATIONS / NOTES:

volume in tubing 40 ft x 7 ml = 280 ml
Volume of flow cell = 500 ml.
780 ml

purge rate = 100 ml/min

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO - SA 38
Project No.:

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC36G48C061907 ~~NTC36G48C~~
Sample Location: 48C
Sampled By: GB & SV
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	~~Other~~ ORP
Date: 6/19/07								
Time: 7:45								
Method: low flow	clear	4.3	8.0	26.2	10.0	0.60	0.0	-155

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	~~Other~~ ORP	
Date: 6/19/07									
Method: low flow	5000	3.6	8.0	26.0	6.0	0.60	0.0	-93	6:55
Monitor Reading (ppm): 0	500	3.7	8.0	26.0	7.0	0.60	0.0	-96	7:00
Well Casing Diameter & Material	500	3.7	8.0	26.0	8.0	0.60	0.0	-107	7:05
Type: 2" PVC	500	3.8	8.0	26.0	8.0	0.60	0.0	-103	7:10
Total Well Depth (TD): 35.85	500	3.8	8.0	26.1	8.0	0.60	0.0	-105	7:15
Static Water Level (WL): 9.66	500	3.8	8.0	26.1	8.0	0.60	0.0	-108	7:20
One Casing Volume(gal/L): 4.1	500	4.3	8.0	26.1	9.0	0.60	0.0	-154	7:25
Start Purge (hrs): 6:05	500	4.3	8.0	26.2	9.0	0.60	0.0	-153	7:30
End Purge (hrs): 67:40	500	4.3	8.0	26.2	9.0	0.60	0.0	-156	7:35
Total Purge Time (min): 100	500	4.3	8.0	26.2	10.0	0.60	0.0	-155	7:40
Total Vol. Purged (gal/L): 9.5L									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
TRPH	H_2SO_4	2 - 1 liter amber	✓
VOC's	HCl	3 - 40 ml vials.	✓

OBSERVATIONS / NOTES:

volume of tubing = 280 ml
volume of flow cell = 500 ml.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Braganza

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO - SA 38
Project No.:

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G49D06 21 07
Sample Location: MW-49D
Sampled By: BBF SW
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 6/21/07								
Time: 8:45								
Method: low flow	clear	6.7	31	26.5	19	0.5	0	-126

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other	
Date: 6/21/07									
Method: low flow	9L	6.2	29	26.3	56	0.6	0	-106	7:45
Monitor Reading (ppm): 0	500	6.3	29	26.3	54	0.6	0	-116	7:50
Well Casing Diameter & Material	500	6.3	30	26.3	48	0.5	0	-113	7:55
Type: 2" PVC	500	6.6	30	26.3	40	0.5	0	-119	8:00
Total Well Depth (TD): 61.50	500	6.7	30	26.3	38	0.5	0	-114	8:05
Static Water Level (WL): 9.71	500	6.7	30	26.3	31	0.5	0	-115	8:10
One Casing Volume(gal/L):	500	6.7	30	26.4	29	0.5	0	-119	8:15
Start Purge (hrs): 6:15	500	6.7	31	26.4	25	0.5	0	-121	8:20
End Purge (hrs): 8:40	500	6.7	31	26.5	21	0.5	0	-122	8:25
Total Purge Time (min): 6	500	6.7	31	26.5	20	0.5	0	-123	8:30
Total Vol. Purged (gal/L): 14L	500	6.7	31	26.5	19	0.5	0	-126	8:35

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC's (BTEX, MTBE + NAPH.)	HG	3 - 40 ml vials	✓
TRPH	H_2SO_4	2 - 1 liter ambers	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragonje.

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO SA 38
Project No.: 00131

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G50C062007
Sample Location: 50C
Sampled By: GB + SV
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 6/20/07								
Time: 11:20								
Method: low flow	clear	6.7	0	27.9	15	0.5	0	-289

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other	
Date: 6/20/07									
Method: low flow	7000	6.7	0.33	27.2	150	0.8	0	-273	10:30
Monitor Reading (ppm): 0	500	6.7	0.33	27.3	160	0.5	0	-275	10:35
Well Casing Diameter & Material	500	6.7	0.33	27.3	62	0.4	0	-282	10:40
Type: 1" PVC	500	6.7	0.33	27.3	67	0.7	0	-291	10:45
Total Well Depth (TD): 37.75	500	6.7	0.33	27.5	44	0.4	0	-300	10:50
Static Water Level (WL): 11.02	500	6.7	0.33	27.6	39	0.4	0	-289	10:55
One Casing Volume(gal/L): 1.06	500	6.7	0.33	27.7	97	0.5	0	-289	11:00
Start Purge (hrs): 9:20	500	6.7	0.33	27.7	35	0.5	0	-282	11:05
End Purge (hrs): 11:15	500	6.7	0.33	27.8	22	0.4	0	-287	11:10
Total Purge Time (min): 115	500	6.7	0.33	27.9	15	0.5	0	-289	11:15
Total Vol. Purged (gal/L): 11.5L									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOCs + Naph	HCl	3 - 40 ml vials	✓
TRPH	H_2SO_4	2 - 1 liter amber	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bregang

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO
Project No.: 00131

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G-51D062007
Sample Location: 51D
Sampled By: GB + SV
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other ORP
Date: 6/20/06								
Time: 12:10								
Method: low flow	clear	7.0	46	27.8	47	0.5	0	-218

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other ORP	
Date: 6/20/06									
Method: low flow	12L	7.0	46	27.1	350	0.5	0	-262	11:15
Monitor Reading (ppm): 0	500	7.0	46	27.1	300	0.5	0	-237	11:20
Well Casing Diameter & Material	500	7.0	46	27.1	95	0.4	0	-229	11:25
Type: 1" PVC	500	7.0	46	27.2	51	0.4	0	-227	11:30
Total Well Depth (TD): 49.11	500	7.0	46	27.3	240	0.4	0	-228	11:35
Static Water Level (WL): 10.04	500	7.0	46	22.4	92	0.5	0	-222	11:40
One Casing Volume(gal/L): 1.5	500	7.0	46	22.5	260	0.5	0	-220	11:45
Start Purge (hrs): 9:15	500	7.0	46	22.6	250	0.5	0	-213	11:50
End Purge (hrs): 12:05	500	7.0	46	22.7	180	0.5	0	-219	11:55
Total Purge Time (min): 170	500	7.0	46	22.7	100	0.5	0	-220	12:00
Total Vol. Purged (gal/L): 17L	500	7.0	46	27.8	47	0.5	0	-218	12:05

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC's + Naph	HCl	3-40 ml vials	✓
TRPH	H_2SO_4	2-1 liter amber	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bergy

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO - SA 38
Project No.: 00131

[ ] Domestic Well Data
[x] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC38G52C062007
Sample Location: 52C
Sampled By: SV + CB
C.O.C. No.:
Type of Sample:
[x] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other ORP
Date: 6/20/07								
Time: 8:30								
Method: low flow	clear	6.1	0.24	26.5	18	0.4	0	-232

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other ORP	
Date: 6/20/07									
Method: low flow	1 L.	5.5	.24	26.2	120	0.5	0	-110	7:50
Monitor Reading (ppm):	500	5.5	.24	26.1	38	0.4	0	-131	8:55
Well Casing Diameter & Material	500	6.0	.24	26.2	39	0.4	0	-233	8:00
Type: 1" PVC	500	6.1	.24	26.4	35	0.4	0	-238	8:05
Total Well Depth (TD): 39.60	500	6.1	.24	26.4	32	0.4	0	-235	8:10
Static Water Level (WL): 10.33	500	6.0	.24	26.4	30	0.4	0	-232	8:15
One Casing Volume(gal/L):	500	6.1	.24	26.5	23	0.4	0	-234	8:20
Start Purge (hrs): 6:15	500	6.1	.24	26.5	18	0.4	0	-232	8:25
End Purge (hrs): 8:25									
Total Purge Time (min): 140									
Total Vol. Purged (~~gal~~/L): 13.5L									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3-40 ml vials	✓
TRPH	H_2SO_4	2-1 liter ambers	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.: NTC38D062007

Signature(s): Gary Bragonza

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO - SA 38
Project No.:

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G53D062007
Sample Location: ~~52D~~ 53D
Sampled By: GB.
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	~~Other~~
Date: 6/20/07								
Time: 9:00								
Method: low flow		5.6	0.24	26.5	140	0.4	0	-165

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	~~Other~~ ORP	
Date: 6/20/07									
Method: low flow	10000	5.3	0.25	26.2	270	0.7	0	-43	8:00
Monitor Reading (ppm): 0	500	5.3	0.25	26.1	250	0.6	0	-57	8:05
Well Casing Diameter & Material	500	5.5	0.24	26.3	440	0.5	0	-115	8:10
Type: "1 PVC	500	5.6	0.24	26.4	140	0.5	0	-150	8:15
Total Well Depth (TD): 49.10	500	5.6	0.24	26.5	140	0.5	0	-149	8:20
Static Water Level (WL): 10.34	500	5.6	0.24	26.4	120	0.5	0	-164	8:25
One Casing Volume(gal/L): 6.20	500	5.6	0.24	26.5	420	0.5	0	-166	8:30
Start Purge (hrs): 6:20	500	5.6	0.24	26.4	412	0.5	0	-168	8:35
End Purge (hrs): 8:50	500	5.6	0.24	26.5	130	0.4	0	-164	8:40
Total Purge Time (min): 150	500	5.6	0.24	26.4	140	0.4	0	-163	8:45
Total Vol. Purged (~~gal~~/L): 15L	500	5.6	0.24	26.5	140	0.4	0	-165	8:50

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
TRPH	H_2SO_4	2 - 1 liter amber	✓
VOC	HCl	3 - 40 ml vials.	✓

OBSERVATIONS / NOTES:

Volume in tubing 7 ml/ft x 55 ft = 385 ml.
Volume of flow cell = 500 ml
total 885 ml

purge rate = 100 ml/min

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.:

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38554C061907
Sample Location: 54C
Sampled By: GB
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 6/19/07								
Time: 13:00								
Method: low flow	clear	6.6	41.0	29.0	650	6.30	0	-297

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other	
Date: 6/19/07									
Method: low flow	12000	6.6	41.0	28.6	640	0.30	0	-297	12:30
Monitor Reading (ppm): 0	500	6.6	41.0	28.7	650	0.30	0	-299	12:35
Well Casing Diameter & Material	500	6.6	41.0	28.9	650	0.30	0	-296	12:40
Type: 1" PVC	500	6.6	41.0	29.0	650	0.30	0	-294	12:45
Total Well Depth (TD): 38.90	500	6.6	41.0	29.0	650	0.30	0	-296	12:50
Static Water Level (WL): 8.01	500	6.6	41.0	29.0	650	0.30	0	-297	12:55
One Casing Volume(gal/L): 4.9									
Start Purge (hrs): 10:30									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
TRPH	H_2SO_4	2 - 1 liter amber	✓
VOCs	HCl	3 - 40 ml	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragaw

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.:

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38655D061907
Sample Location: 55D
Sampled By: SV + GB
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	~~Other~~ ORP
Date: 6/19/07								
Time: 12:10								
Method: low flow	clear	6.4	41.0	28.3	200	0.4	0	-234

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	~~Other~~ ORP	
Date: 6/19/07									
Method: low flow	9000	6.4	41.0	27.9	190	0.4	0	-241	11:40
Monitor Reading (ppm): 0	500	6.4	41.0	28.0	190	0.4	0	-239	11:45
Well Casing Diameter & Material	500	6.4	41.0	28.0	200	0.4	0	-236	11:50
Type: 1" PVC	500	6.4	41.0	28.0	200	0.4	0	-237	11:55
Total Well Depth (TD): 50.46	500	6.4	41.0	28.2	220	0.4	0	-236	12:00
Static Water Level (WL): 8.01	500	6.4	41.0	28.3	200	0.4	0	-234	12:05
One Casing Volume(gal/L): 6.7									
Start Purge (hrs): 10:10									
End Purge (hrs): 12:05									
Total Purge Time (min): 115									
Total Vol. Purged (gal/L): 11.5									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
TRPH	H_2SO_4	2 - 1 liter amber	✓
VOC's	HCl	3 - 40 ml vials	✓

OBSERVATIONS / NOTES:

volume of tubing = 385 ml
volume of flow cell = 500 ml
885 ml.

purge rate = 100 ml/min

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary B[illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando SA 38
Project No.:

[ ] Domestic Well Data
[✓] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: NTC38G47C08152007
Sample Location: OLD-38-47C
Sampled By: GB
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other
Date: 8/15/07								
Time: 10:15								
Method: low flow	clear	4.34	0.10	26.49	2.5	3.62	14	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ORP	Other
Date: 8/15/07								
Method: peristaltic	~~350~~ 500ml	4.32	0.10	26.48	1.6	4.18	14	9:40
Monitor Reading (ppm): —	500	4.33	0.10	26.46	3.7	3.86	15	9:45
Well Casing Diameter & Material	500	4.34	0.10	26.47	8.0	3.68	16	9:50
Type: 2" PVC	500	4.36	0.10	26.48	1.7	3.64	15	9:55
Total Well Depth (TD): 35.0	500	4.36	0.10	26.48	0.6	3.63	14	10:00
Static Water Level (WL): 6.13	500	4.35	0.10	26.48	1.8	3.61	14	10:05
One Casing Volume(gal/L):	500	4.34	0.10	26.49	2.5	3.62	14	10:10
Start Purge (hrs): 8:55								
End Purge (hrs): 10:10								
Total Purge Time (min): 75								
Total Vol. Purged (gal/L): 6.5								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC's	HCl	3 - 40 ml vials	✓
TRPH	H_2SO_4	2 - 1 liter amber	✓
NO_2 NO_3 + SO_4	—	1 - 1 liter PE	✓
H_2	—	1 - 20 ml vial	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragonje

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando
Project No.: 112G00131

[✓] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G56C08152007
Sample Location: OLD-38-56
Sampled By: GB + SU
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 8/15/07	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	~~Salinity~~ (%) ORP	Other
Time: 10:45								
Method: low flow	cloudy/brown	4.0	0.10	26.4	241	15.29	-56	

PURGE DATA:

Date: 8/15/07	Volume	pH	S.C.	Temp.	Turbidity	DO	~~Salinity~~ ORP	~~Other~~ Time
Method: peristaltic	4500	4.01	0.10	25.7	287	19.99	-58	9:50
Monitor Reading (ppm): —	500	4.01	0.10	25.7	203	19.99	-79	9:55
Well Casing Diameter & Material	500	4.01	0.10	25.8	190	19.99	-72	10:00
Type: 1" PVC	500	4.02	0.10	25.9	202	19.93	-73	10:05
Total Well Depth (TD): 35.0	500	4.01	0.10	25.9	153	16.70	-72	10:10
Static Water Level (WL): 9.31	500	4.01	0.10	26.0	129	16.11	-73	10:15
One Casing Volume(gal/L): 6.13	500	4.02	0.10	26.1	133	18.76	-63	10:20
Start Purge (hrs): 9:05	500	4.01	0.10	26.2	144	15.91	-67	10:25
End Purge (hrs): 10:40	500	4.0	0.10	26.2	184	15.37	-59	10:30
Total Purge Time (min): 95	500	4.0	0.10	26.3	238	15.37	-57	10:35
Total Vol. Purged (gal/L): 9.5L	500	4.0	0.10	26.4	241	15.29	-56	10:40

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC's	HCl	3 - 40 ml vials	✓
TRPH	H_2SO	2 - 1 liter amber	✓
NO_2, NO_3, SO_4	—	1 - 1 liter PE	✓
H_2	—	1 - 20 ml vial.	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.: NTC38~~FD~~08150701

Signature(s): Gary Bragan

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando - SA 38
Project No.:

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G57A081407
Sample Location: MW-57A
Sampled By: GB
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	~~Salinity (%)~~ ORP	Other
Date: 8/14/07								
Time: 11:05								
Method: low flow.	clear	5.45	0.73	27.1	-10	6.49	-196.	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	~~Salinity~~ ORP	~~Other~~ Time
Date: 10/14/07								
Method: peristaltic	2000ml	5.41	0.73	27.2	223	7.50	-196	10:20
Monitor Reading (ppm): —	500	5.45	0.73	27.3	119	6.92	-201	10:25
Well Casing Diameter & Material	500	5.46	0.73	27.3	105	6.79	-204	10:30
Type: 2" PVC	500	5.47	0.73	27.2	66.0	6.78	-208	10:35
Total Well Depth (TD): 15	500	5.47	0.73	27.3	20.1	6.78	-207	10:40
Static Water Level (WL): 5.80	500	5.46	0.73	27.2	-10	6.62	-200	10:45
One Casing Volume(gal/L):	500	5.45	0.73	27.1	-10	6.50	-195	10:50
Start Purge (hrs): 10:00	500	5.45	0.73	27.1	-10	6.53	-196	10:55
End Purge (hrs): 11:00	500	5.45	0.73	27.1	-10	6.49	-196	11:00
Total Purge Time (min): 60								
Total Vol. Purged (gal/L): 6L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC's	HCl	3-40 ml vials	✓
TRPH	H_2SO_4	2-1 liter amber	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bergan

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NTC Orlando - SA-38
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G58A1081407
Sample Location: MW-58 A-1
Sampled By: SV
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity ~~(%)~~ ORP	Other
Date: 8/14/07								
Time: 10:30								
Method: low flow	clear	5.93	0.90	28.43	0	3.70	-50	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ~~ORP~~	Other ~~Time~~
Date: 8/14/07								
Method: peristaltic	4500	5.92	0.91	28.40	0.0	4.1	~~0~~ -41	10:50
Monitor Reading (ppm): —	500	5.92	0.91	28.42	0.0	3.80	~~0~~ -43	10:55
Well Casing Diameter & Material	500	5.92	0.90	28.43	0.0	3.78	-44	11:00
Type: CMT	500	5.93	0.90	28.43	0.0	3.79	-46	11:05
Total Well Depth (TD): 15	500	5.93	0.90	28.43	0.0	3.74	-47	11:10
Static Water Level (WL): 5.91	500	5.93	0.90	28.43	0.0	3.71	-49	11:15
One Casing Volume(gal/L):	500	5.93	0.90	28.43	0.0	3.70	-50	11:20
Start Purge (hrs): 10:05	500	5.93	0.90	28.43	0.0	3.70	-50	11:25
End Purge (hrs): 11:35								
Total Purge Time (min): 100								
Total Vol. Purged (gal/L): 8L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3-40 ml	✓
TRPH	H_2SO_4	2-1 liter	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bongay

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC Orlando - SA38
Project No.:

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G58C108152007
Sample Location: ~~NTC~~ OLD-38-58
Sampled By: GTB + SV
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) / ORP	Other
Date: 8/15/07 Time: 13:15 Method: low flow.	cloudy	5.71	0.28	27.92	185	2.66	-179	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity / ORP	Other Time
Date: 8/15/07								
Method: peristaltic	5000 ml	5.69	0.28	27.86	275	2.67	-161	12:20
Monitor Reading (ppm): —	500	5.70	0.28	27.86	354	2.67	-58	12:25
Well Casing Diameter & Material	500	5.71	0.28	27.87	192	2.58	-162	12:30
Type: CMT	500	5.65	0.28	27.86	134	2.55	-154	12:35
Total Well Depth (TD): 35.0	500	5.71	0.28	27.88	288	2.57	-160	12:40
Static Water Level (WL):	500	5.70	0.28	27.89	242	2.69	-161	12:45
One Casing Volume(gal/L): —	500	5.70	0.28	27.90	242	2.66	-168	12:50
Start Purge (hrs): 11:30	500	5.70	0.28	27.90	214	2.63	-171	12:55
End Purge (hrs): 13:10	500	5.71	0.28	27.91	124	2.62	-178	13:00
Total Purge Time (min): 100 m	500	5.70	0.28	27.92	73.2	2.61	-178	13:05
Total Vol. Purged (gal/L): 10L	500	5.71	0.28	27.92	185	2.66	-179	13:10

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl	3-40 ml vials	✓
TPH	H_2SO_4	2-1 liter	✓
NO_2, NO_3 + SO_4	—	1-1 PE	✓
H2	—	1-20 ml vial	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragan

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NTC Orlando.
Project No.:

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G58C20814007
Sample Location: MW-58-C2
Sampled By: SV + GB
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other
Date: 8/14/07								
Time: 13:30								
Method: low flow	cloudy	5.71	0.28	27.92	185	2.66	-179	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ORP	Other
Date: 8/14/07								
Method: peristaltic	3000L	5.70	0.28	27.88	214	2.65	-161	12:35
Monitor Reading (ppm): –	500	5.70	0.28	27.88	275	2.67	-158	12:40
Well Casing Diameter & Material	500	5.71	0.28	27.89	354	2.58	-162	12:45
Type: CMT 1" ~~PVC~~	500	5.69	0.28	27.89	192	2.55	-154	12:50
Total Well Depth (TD): 45	500	5.71	0.28	27.90	134	2.57	-160	12:55
Static Water Level (WL): 8.68	500	5.70	0.28	27.90	288	2.69	-161	13:00
One Casing Volume(gal/L):	500	5.70	0.28	27.90	242	2.66	-168	13:05
Start Purge (hrs): 12:05	500	5.70	0.28	27.91	214	2.63	-171	13:10
End Purge (hrs): 13:25	500	5.71	0.28	27.91	124	2.62	-178	13:15
Total Purge Time (min): 100	500	5.70	0.28	27.92	73.2	2.61	-178	13:20
Total Vol. Purged (gal/L): 8L	500	5.71	0.28	27.92	185	2.66	-179	13:25

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC's	HCl	3 - 40ml vials	✓
TRPH	H_2SO_4	2 - 1 liter	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragan Jr.

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

NTC38G59C061708

Project Site Name: NTC ORLANDO
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: OLD-38-59C
Sample Location: OLD-38-59C
Sampled By: GB
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other
Date: 6/18/08								
Time: 12:50								
Method: low flow	clear	4.53	0.120	26.76	-0.95	0.11	14.6	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ORP	Other
Date: 6/18/08								
Method: low flow	6000	4.51	0.121	26.82	-0.32	0.13	29.8	12:20
Monitor Reading (ppm): N/A	1000	4.53	0.121	26.72	-0.31	0.12	22.7	12:25
Well Casing Diameter & Material	1000	4.52	0.121	26.78	-0.50	0.12	17.4	12:30
Type: 1.5 PVC	1000	4.54	0.121	26.79	-0.75	0.12	14.7	12:35
Total Well Depth (TD): 40 ft.	1000	4.53	0.121	26.78	-0.78	0.12	14.6	12:40
Static Water Level (WL): 4.01	1000	4.53	0.120	26.76	-0.95	0.11	14.6	12:45
One Casing Volume(gal/L):								
Start Purge (hrs): 11:50								
End Purge (hrs): 12:45								
Total Purge Time (min): 55								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOCs	HCl		✓
TRPH	H_2SO_4		✓

OBSERVATIONS / NOTES:

purge rate = 200 ml/

Circle if Applicable:

MS/MSD	Duplicate ID No.:
	NTC38D0106182008

Signature(s): Gary Braganza

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO - SA 38
Project No.: CTO - 103

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G60C061812008
Sample Location: OLD-38-60C
Sampled By:
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 6/18/08								
Time: 11:35								
Method: low flow	clear	4.67	0.174	27.26	0.31	0.16	37.9	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	~~Salinity~~ ORP	Other
Date: 6/18/08								
Method: low flow	6000	~~22.34~~ 4.66	0.173	27.34	0.32	0.56	40.7	11:22
Monitor Reading (ppm): N/A	600	4.67	0.173	27.25	0.42	0.22	39.1	11:25
Well Casing Diameter & Material	600	4.66	0.174	27.26	0.52	0.19	38.3	11:28
Type: 1.5 PVC	600	4.67	0.174	27.26	0.31	0.16	37.9	11:31
Total Well Depth (TD): 35								
Static Water Level (WL): 5.03								
One Casing Volume(gal/L):								
Start Purge (hrs): 10:50								
End Purge (hrs): 11:31								
Total Purge Time (min): 51.								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC's	HCl	3 - 40 ml	✓
TRPH	H_2SO_4	2 - 1 liter amber	✓

OBSERVATIONS / NOTES:

purge rate = 200 ml / min

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bunger

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO - SA-38
Project No.: CTO-103

[] Domestic Well Data
[✓] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: NTC38G61C0618 2008
Sample Location: OLD-38-61C
Sampled By: GB
C.O.C. No.:
Type of Sample:
[✓] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 6/18/08								
Time: 9:35								
Method: low flow	clear	5.70	0.205	27.28	0.61	0.09	1.2	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	~~Salinity~~ ORP	Other
Date: 6/18/08								
Method: low flow	7000	5.72	0.206	27.19	0.32	0.19	6.7	9:14
Monitor Reading (ppm): N/A	600	5.70	0.208	27.21	0.41	0.13	3.3	9:17
Well Casing Diameter & Material	600	5.71	0.207	27.29	0.51	0.17	1.4	9:20
Type: 1.5 PVC	600	5.72	0.207	27.31	0.61	0.11	1.5	9:23
Total Well Depth (TD): 35	600	5.71	0.206	27.29	0.51	0.10	1.3	9:26
Static Water Level (WL): 5.70	600	5.70	0.205	27.28	0.61	0.09	1.2	9:29
One Casing Volume(gal/L):								
Start Purge (hrs): 8:41								
End Purge (hrs): 9:29								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOC (MTBE + Naph.)	HCl	3 - 40 ml	✓
TRPH	H_2SO_4	2 - 1 liter amber	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragg

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NTC ORLANDO
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: OLD38G62D06172008
Sample Location: OLD-38-62D
Sampled By: GB
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 6/17/08								
Time: 14:40								
Method: low flow	clear	5.29	0.199	27.60	0.20	0.08	-32.4	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	~~Salinity~~ ORP	Other
Date: 6/17/08								
Method: low flow	7000 ml	5.28	0.199	27.63	0.12	0.13	-28.2	14:10
Monitor Reading (ppm): N/A	1400 ml	5.27	0.199	27.62	0.11	0.11	-27.3	14:17
Well Casing Diameter & Material	1000 ml	5.28	0.200	27.60	0.11	0.09	-30.5	14:22
Type: 1.5" PVC	600 ml	5.29	0.200	27.62	0.10	0.15	-31.3	14:25
Total Well Depth (TD): 60.15	600 ml	5.30	0.199	27.60	0.15	0.08	-32.0	14:28
Static Water Level (WL): 5.22	600	5.29	0.199	27.60	0.20	0.08	-32.4	14:31
One Casing Volume(gal/L):								
Start Purge (hrs): 13:35								
End Purge (hrs): 14:31								
Total Purge Time (min): 56								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
VOCs			✓
TRPH			✓

OBSERVATIONS / NOTES:

purge rate = 200 ml/min

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragg

APPENDIX E

SURVEY REPORTS

ORLANDO NAVAL TRAINING CENTER
SITE SA-36 NW
NEW MONITOR WELLS

Project No. 177311.99.22.01.01
Field Surveys Dec. 02, 2003

Note: Horizontal Datum is NAD (North American Datum) 83 (1990) SPC Fl. E. US Survey Ft..
Vertical datum is NAVD (National Geodetic Vertical Datum) 1929.

Description	North Coord.	East Coord.	-----Elevation------ TOC	F/M Rim
Survey Control Points:				
502 (Re Bar & Cap)	1537916.522	549477.689	-------	115.38
503 (Chiseled "X" in Curb)	1537635.986	549402.374	-------	113.06
510 (PK & Washer in Street)	1537958.623	549249.994	-------	116.203
Monitor Wells:				
6380 **(MW-38C)**	1538002.58	549256.67	115.59	115.89
6390 **(MW-39C) [Not Complete]**	1538128.53	549333.25	114.765	------
6400 **(MW-40D)**	1538014.69	549423.36	115.185	115.40
6410 **(MW-41C)**	1538027.58	549420.83	114.62	114.82
6420 **(MW-42C)**	1538131.51	549549.84	113.085	113.475
6430 **(MW-43C)**	1538065.70	549591.51	113.35	113.61
6440 **(MW-44C)**	1537939.02	549717.50	114.65	115.055

Note: MW-39C is within a sidewalk area that is not complete. The inner casing appears to be cut off at the proper height, but there was no cap on the well and there has been a considerable amount of dirt in the well casing.

ORLANDO NAVAL TRAINING CENTER
SITE SA-36 NW
NEW MONITOR WELLS

Project No. 277311.99.22.01.01
Field Surveys Nov. 01, 2004

Note: Horizontal Datum is NAD (North American Datum) 83 SPC Fl. E. US Survey Ft..
Vertical Datum is NGVD (National Geodetic Vertical Datum) 1929.

Description	North Coord.	East Coord.	---------Elevation---------- TOC	F/M Rim	Asphalt (*)Svy. Pt.
1 (Nail & Washer)	1538156.587	549677.718	------	------	(*)113.655
502 (Re Bar & Cap)	1537916.522)	549477.689	------	------	(*)115.38
Monitor wells:					
6450 **(MW-45C)**	1538206.46	549755.77	112.28	112.53	112.50
6460 **(MW-46D)**	1538003.49	549411.12	114.62	114.98	114.96

ORLANDO NAVAL TRAINING CENTER
SITE SA-36 NW
NEW MONITOR WELLS

Project No. 327012.RA.02.08
Field Surveys May 11, 2005

Note: Horizontal Datum is NAD (North American Datum) 83 (1990) SPC Fl. E. US Survey Ft..
Vertical Datum is NGVD (National Geodetic Vertical Datum) 1929.

			----------Elevation---------		
Description	**North Coord.**	**East Coord.**	**TOC**	**F/M Rim**	**Asphalt (*) Survey Pt.**
Survey Control Points:					
1 (Nail & Washer)	1538156.587	549677.718	------	------	(*)113.655
502 (Re Bar & Cap)	1537916.522	549477.689	------	------	(*)115.38
511 (Chiseled "X")	1537976.385	549952.697	------	------	(*)113.177
Monitor Wells:					
6470 **(MW-47C)**	1538097.61	549789.76	111.88	112.33	112.30
6480 **(MW-48C)**	1538031.24	550038.14	113.52	113.75	113.68

16-Aug-07

Project Number: 327012.RA.02.08

ORLANDO NAVAL TRAINING CENTER
SITE SA-38
FIELD SURVEY AUGUST 7&8, 2007

NOTE: Horizontal Datum is NAD (North American Datum) 83 (1990) SPC FL E US Survey Feet
Vertical Datum is NGVD (North Geodetic Vertical Datum) 1929

Survey Control Points	North Coord.	East Coord.	Elevation (ft)	Point No.
KW-1 (Nail & Washer)	1538156.587	549677.718	113.655	1
KW-511 (Chiseled "X" in Curb)	1537976.385	549952.697	113.177	511
JR0601 (Fnd PK-WASHER)	1538070.75	549829.361	112.525	601
JR-602 (SET-REBAR)	1537876.316	550109.981	114.679	602

Monitor Well Designations	North Coord.	East Coord.	TOC Elevation (ft)	Ground Elevation (ft)
OLD-38-49D	1,538,011.91	550,209.62	113.33	113.72
OLD-38-50C	1,537,905.75	550,147.48	113.87	114.22
OLD-38-51D	1,537,905.63	550,147.58	113.88	---
OLD-38-52C	1,538,092.63	550,143.73	114.32	114.57
OLD-38-53D	1,538,092.46	550,143.76	114.33	---
OLD-38-54C	1,537,993.38	549,927.35	112.50	---
OLD-38-55D	1,537,993.57	549,927.32	112.53	112.72
OLD-38-56C	1,538,156.30	549,930.70	114.65	114.93
OLD-38-57A	1,538,018.33	550,068.89	113.70	114.08
OLD-38-58-1	1,538,008.87	550,207.36	113.18	113.18
OLD-38-58-2	1,538,008.95	550,207.28	113.18	113.18
OLD-38-58-3	1,538,008.94	550,207.34	113.19	113.19
SA38-SW-1	1,537,590.48	549,893.76	117.81	

Naval Training Center
Study Area 38
Orlando, Florida

Bowyer-Singleton & Associates, Inc.
200 Business Park Circle, Suite 113, St. Augustine, FL 32095
Phone 904-940-9460 ext.103 / Fax 904-940-9493

Field Surveys June 16, 2008

Note: Horizontal Datum is NAD (North American Datum) 83 SPC FL. E. US feet
Vertical Datum is NGVD (North Geodetic Vertical Datum) 29

Description		North Coord.	East Coord.	Elevation TOC	Elevation Top Of Enclosure	Elevation Ground
Survey Control Points:						
AK7130	NGS MONUMENT	1523378.56	543185.27	---	---	98.63
AK7129	NGS MONUMENT	1541920.20	539147.41	---	---	79.26
802	5/8" IRC "LB 1221 BSA TRAV"	537045.52	549446.52	---	---	114.31
801	5/8" IRC "LB 1221 BSA TRAV"	536887.39	544843.14	---	---	108.15
800	5/8" IRC "LB 1221 BSA TRAV"	536335.17	544865.93	---	---	111.71
803	5/8" IRC "LB 1221 BSA TRAV"	537923.97	549430.73	---	---	115.01
804	5/8" IRC "LB 1221 BSA TRAV"	541818.83	547952.00	---	---	119.37
805	5/8" IRC "LB 1221 BSA TRAV"	543145.12	547819.35	---	---	112.82
806	5/8" IRC "LB 1221 BSA TRAV"	539357.80	553782.11	---	---	94.27
807	5/8" IRC "LB 1221 BSA TRAV"	540062.10	554286.97	---	---	93.60
Monitor Wells						
OLD-38-59C		1538030.27	550695.67	~~106.09~~	~~106.33~~	~~106.20~~
OLD-38-60C		1538099.32	551015.81	~~105.94~~	~~106.22~~	~~106.22~~
OLD-38-61C		1537988.00	551151.70	~~105.73~~	~~105.96~~	~~105.97~~
OLD-38-62D		1537838.81	550914.46	~~106.31~~	~~107.54~~	~~107.53~~

Terta Tech, Inc
201 East Pine Street - Suite 1000, Orlando Fl 32825
Phone 407-839-3955 / Fax 407-839-3790

Field Survey August 18, 2008

OLD-38-59C	106.07	106.31	106.23
OLD-38-60C	105.93	106.22	106.19
OLD-38-61C	105.71	105.95	105.88
OLD-38-62D	106.29	106.54	106.51

Vertical elevations re-surveyed by Tetra Tech.

APPENDIX F

WATER LEVEL MEASUREMENTS

DEPTH TO WATER AND GROUNDWATER ELEVATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well ID	Date	Depth to Water (ft)	Groundwater Elevation (ft)
MW-38C	3/20/2004	7.32	108.27
MW-39C	3/20/2004	8.63	106.135
MW-40D	3/20/2004	9.1	106.09
MW-41C	3/20/2004	9.01	105.61
MW-42C	3/20/2004	7.7	105.385
MW-43C	3/20/2004	8.24	105.11
MW-44C	3/20/2004	9.95	104.7
MW-38C	6/11/2004	7.68	107.91
MW-39C	6/11/2004	7.98	106.785
MW-40D	6/11/2004	11.32	103.87
MW-41C	6/11/2004	9.3	105.32
MW-42C	6/11/2004	8.2	104.885
MW-43C	6/11/2004	8.45	104.9
MW-44C	6/11/2004	10.05	104.6
MW-38C	9/10/2004	3.41	112.18
MW-39C	9/10/2004	3.61	111.155
MW-41C	9/10/2004	4.93	109.69
MW-42C	9/10/2004	3.67	109.415
MW-43C	9/10/2004	4.11	109.24
MW-44C	9/10/2004	5.98	108.67
MW-38C	12/4/2004	5.03	110.56
MW-39C	12/4/2004	6	108.765
MW-41C	12/4/2004	7.55	107.07
MW-42C	12/4/2004	6.22	106.865
MW-43C	12/4/2004	6.73	106.62
MW-44C	12/4/2004	8.55	106.1
MW-45C	12/4/2004	6.05	106.23
MW-46D	12/4/2004	7.4	107.22
MW-38C	3/10/2005	6.6	108.99
MW-39C	3/10/2005	6.95	107.815
MW-41C	3/10/2005	8.35	106.27
MW-42C	3/10/2005	7.2	105.885
MW-43C	3/10/2005	7.55	105.8
MW-44C	3/10/2005	9.35	105.3
MW-45C	3/10/2005	6.85	105.43
MW-46D	3/10/2005	8.25	106.37
MW-38C	6/10/2005	5.15	110.44
MW-39C	6/10/2005	5.28	109.485
MW-41C	6/10/2005	7.1	107.52
MW-42C	6/10/2005	5.45	107.635
MW-43C	6/10/2005	5.85	107.5
MW-43C	6/10/2005	7.65	105.7
MW-45C	6/10/2005	5.15	107.13
MW-46D	6/10/2005	6.55	108.07
MW-38C	9/9/2005	4.92	110.67
MW-39C	9/9/2005	5.21	109.555
MW-41C	9/9/2005	6.73	107.89

DEPTH TO WATER AND GROUNDWATER ELEVATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well ID	Date	Depth to Water (ft)	Groundwater Elevation (ft)
MW-42C	9/9/2005	5.18	107.905
MW-43C	9/9/2005	5.86	107.49
MW-44C	9/9/2005	7.72	106.93
MW-45C	9/9/2005	5.11	107.17
MW-46D	9/9/2005	6.58	108.04
MW-47C	9/9/2005	4.96	106.84
MW-48C	9/9/2005	7.6	105.92
MW-38C	12/9/2005	5.35	110.24
MW-39C	12/9/2005	5.4	109.365
MW-41C	12/9/2005	7.06	107.56
MW-42C	12/9/2005	5.88	107.205
MW-43C	12/9/2005	6.36	106.99
MW-44C	12/9/2005	8.11	106.54
MW-45C	12/9/2005	5.51	106.77
MW-46D	12/9/2005	6.95	107.67
MW-47C	12/9/2005	5.33	106.47
MW-48C	12/9/2005	7.69	105.83
MW-38C	3/17/2006	7.14	108.45
MW-39C	3/17/2006	7.25	107.515
MW-41C	3/17/2006	8.8	105.82
MW-42C	3/17/2006	5.54	107.545
MW-43C	3/17/2006	7.91	105.44
MW-44C	3/17/2006	9.74	104.91
MW-45C	3/17/2006	7.17	105.11
MW-46D	3/17/2006	8.65	105.97
MW-47C	3/17/2006	6.96	104.84
MW-48C	3/17/2006	9.06	104.46
MW-38C	6/1/2006	7.32	108.27
MW-39C	6/1/2006	7.74	107.025
MW-41C	6/1/2006	9.03	105.59
MW-42C	6/1/2006	7.84	105.245
MW-43C	6/1/2006	8.12	105.23
MW-44C	6/1/2006	9.85	104.8
MW-45C	6/1/2006	7.39	104.89
MW-46D	6/1/2006	8.88	105.74
MW-47C	6/1/2006	7.2	104.6
MW-48C	6/1/2006	9.55	103.97
MW-38C	9/12/2006	5.05	110.54
MW-39C	9/12/2006	5.53	109.235
MW-41C	9/12/2006	4.33	110.29
MW-42C	9/12/2006	5.14	107.945
MW-43C	9/12/2006	5.65	107.7
MW-44C	9/12/2006	7.26	107.39
MW-45C	9/12/2006	4.66	107.62
MW-46D	9/12/2006	6.2	108.42
MW-47C	9/12/2006	4.5	107.3
MW-48C	9/12/2006	6.98	106.54

DEPTH TO WATER AND GROUNDWATER ELEVATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well ID	Date	Depth to Water (ft)	Groundwater Elevation (ft)
MW-38C	12/10/2006	6.62	108.97
MW-39C	12/10/2006	6.86	107.905
MW-41C	12/10/2006	8.2	106.42
MW-42C	12/10/2006	6.91	106.175
MW-43C	12/10/2006	7.35	106
MW-44C	12/10/2006	9.12	105.53
MW-45C	12/10/2006	6.58	105.7
MW-46D	12/10/2006	8.09	106.53
MW-47C	12/10/2006	6.38	105.42
MW-48C	12/10/2006	8.81	104.71
MW-38C	3/4/2007	6.68	108.91
MW-39C	3/4/2007	6.68	108.085
MW-41C	3/4/2007	8.51	106.11
MW-42C	3/4/2007	6.95	106.135
MW-43C	3/4/2007	7.64	105.71
MW-44C	3/4/2007	9.45	105.2
MW-45C	3/4/2007	6.91	105.37
MW-46D	3/4/2007	8.38	106.24
MW-47C	3/4/2007	6.72	105.08
MW-48C	3/4/2007	9.2	104.32
MW-38C	6/16/2007	6.84	108.75
MW-39C	6/16/2007	7.13	107.635
MW-41C	6/16/2007	8.69	105.93
MW-42C	6/16/2007	7.39	105.695
MW-43C	6/16/2007	7.82	105.53
MW-44C	6/16/2007	9.6	105.05
MW-45C	6/16/2007	7.06	105.22
MW-46D	6/16/2007	8.54	106.08
MW-47C	6/16/2007	6.85	104.95
MW-48C	6/16/2007	9.25	104.27
MW-38C	9/14/2007	6.18	109.41
MW-39C	9/14/2007	6.46	108.305
MW-42C	9/14/2007	6.7	106.385
MW-43C	9/14/2007	6.81	106.54
MW-44C	9/14/2007	8.5	106.15
MW-44C	9/14/2007	7.63	107.02
MW-45C	9/14/2007	5.98	106.3
MW-46D	9/14/2007	7.5	107.12
MW-47C	9/14/2007	5.81	105.99
MW-48C	9/14/2007	8.12	105.4
MW-38C	12/11/2007	6.25	109.34
MW-39C	12/11/2007	6.39	108.375
MW-41C	12/11/2007	7.19	107.43
MW-42C	12/11/2007	6.96	106.125
MW-43C	12/11/2007	7.32	106.03
MW-44C	12/11/2007	9.12	105.53
MW-45C	12/11/2007	6.66	105.62

DEPTH TO WATER AND GROUNDWATER ELEVATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well ID	Date	Depth to Water (ft)	Groundwater Elevation (ft)
MW-46D	12/11/2007	8.07	106.55
MW-47C	12/11/2007	6.42	105.38
MW-48C	12/11/2007	8.92	104.6
OLD-38-49D	12/11/2007	9.19	104.14
OLD-38-50C	12/11/2007	9.64	104.23
OLD-38-51D	12/11/2007	9.62	104.26
OLD-38-52C	12/11/2007	9.99	104.33
OLD-38-53D	12/11/2007	9.99	104.34
OLD-38-54C	12/11/2007	7.58	104.92
OLD-38-55D	12/11/2007	7.56	104.97
OLD-38-57A	12/11/2007	6.11	107.59
OLD-38-58 (A-1)	12/11/2007	6.05	107.13
OLD-38-58 (C-1)	12/11/2007	--	--
OLD-38-58 (C-2)	12/11/2007	6.11	107.08
MW-38C	3/20/2008	6.36	109.23
MW-39C	3/20/2008	6.45	108.315
MW-41C	3/20/2008	8.04	106.58
MW-42C	3/20/2008	6.78	106.305
MW-43C	3/20/2008	7.17	106.18
MW-44C	3/20/2008	9.1	105.55
MW-45C	3/20/2008	6.56	105.72
MW-46D	3/20/2008	7.9	106.72
MW-47C	3/20/2008	6.21	105.59
MW-48C	3/20/2008	8.62	104.9
OLD-38-49D	3/20/2008	8.95	104.38
OLD-38-50C	3/20/2008	9.35	104.52
OLD-38-51D	3/20/2008	9.34	104.54
OLD-38-52C	3/20/2008	9.69	104.63
OLD-38-53D	3/20/2008	9.69	104.64
OLD-38-54C	3/20/2008	7.32	105.18
OLD-38-55D	3/20/2008	7.32	105.21
OLD-38-56C	3/20/2008	9.41	105.24
OLD-38-57A	3/20/2008	5.8	107.9
MW-38C	6/30/2008	6.68	108.91
MW-39C	6/30/2008	7.05	107.715
MW-41C	6/30/2008	8.43	106.19
MW-42C	6/30/2008	7.2	105.885
MW-43C	6/30/2008	7.53	105.82
MW-44C	6/30/2008	9.24	105.41
MW-45C	6/30/2008	6.79	105.49
MW-46D	6/30/2008	8.28	106.34
MW-47C	6/30/2008	6.57	105.23
MW-48C	6/30/2008	9.05	104.47
OLD-38-49D	6/30/2008	9.15	104.18
OLD-38-50C	6/30/2008	9.54	104.33
OLD-38-51D	6/30/2008	9.56	104.32
OLD-38-52C	6/30/2008	9.92	104.4

DEPTH TO WATER AND GROUNDWATER ELEVATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well ID	Date	Depth to Water (ft)	Groundwater Elevation (ft)
OLD-38-53D	6/30/2008	9.94	104.39
OLD-38-54C	6/30/2008	7.6	104.9
OLD-38-55D	6/30/2008	7.64	104.89
OLD-38-56C	6/30/2008	9.75	104.9
OLD-38-57A	6/30/2008	5.9	107.8
MW-38C	9/23/2008	4.75	110.84
MW-39C	9/23/2008	4.95	109.815
MW-41C	9/23/2008	6.32	108.3
MW-42C	9/23/2008	5	108.085
MW-43C	9/23/2008	5.5	107.85
MW-44C	9/23/2008	7.28	107.37
MW-45C	9/23/2008	4.72	107.56
MW-46D	9/23/2008	6.17	108.45
MW-47C	9/23/2008	4.54	107.26
MW-48C	9/23/2008	7.75	105.77
OLD-38-49D	9/23/2008	7.37	105.96
OLD-38-50C	9/23/2008	7.78	106.09
OLD-38-51D	9/23/2008	7.99	105.89
OLD-38-52C	9/23/2008	8.06	106.26
OLD-38-53D	9/23/2008	8.06	106.27
OLD-38-54C	9/23/2008	5.68	106.82
OLD-38-55D	9/23/2008	5.67	106.86
OLD-38-56C	9/23/2008	7.77	106.88
OLD-38-57A	9/23/2008	4.43	109.27
OLD-38-58 (C-1)	9/23/2008	--	--
OLD-38-58 (C-2)	9/23/2008	--	--
OLD-38-59C	9/23/2008	2.03	104.06
OLD-38-61C	9/23/2008	4.1	101.63
OLD-38-62D	9/23/2008	3.42	102.89
OLD-38-60C	9/25/2008	3.55	102.39
MW-38C	12/12/2008	6.23	109.36
MW-39C	12/12/2008	6.72	108.045
MW-41C	12/12/2008	8.14	106.48
MW-42C	12/12/2008	6.89	106.195
MW-43C	12/12/2008	7.34	106.01
MW-44C	12/12/2008	9.16	105.49
MW-45C	12/12/2008	6.71	105.57
MW-46D	12/12/2008	7.99	106.63
MW-47C	12/12/2008	6.47	105.33
MW-48C	12/12/2008	8.95	104.57
OLD-38-49D	12/15/2008	9.3	104.03
OLD-38-50C	12/15/2008	9.6	104.27
OLD-38-51D	12/15/2008	9.6	104.28
OLD-38-52C	12/15/2008	10.06	104.26
OLD-38-53D	12/15/2008	10.1	104.23
OLD-38-54C	12/15/2008	7.63	104.87
OLD-38-55D	12/15/2008	7.6	104.93

DEPTH TO WATER AND GROUNDWATER ELEVATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well ID	Date	Depth to Water (ft)	Groundwater Elevation (ft)
OLD-38-56C	12/15/2008	9.17	105.48
OLD-38-57A	12/15/2008	6.12	107.58
OLD-38-59C	12/15/2008	3.96	102.13
OLD-38-60C	12/15/2008	5.2	100.74
OLD-38-61C	12/15/2008	5.85	99.88
OLD-38-62D	12/15/2008	5.2	101.11
MW-38C	3/10/2009	7.27	108.32
MW-39C	3/10/2009	7.7	107.065
MW-41C	3/10/2009	9.16	105.46
MW-42C	3/10/2009	7.93	105.155
MW-43C	3/10/2009	8.37	104.98
MW-44C	3/10/2009	10.5	104.15
MW-45C	3/10/2009	7.69	104.59
MW-46D	3/10/2009	9.03	105.59
MW-47C	3/10/2009	7.44	104.36
MW-48C	3/10/2009	9.89	103.63
OLD-38-49D	3/12/2009	10.22	103.11
OLD-38-50C	3/12/2009	10.66	103.21
OLD-38-51D	3/12/2009	10.69	103.19
OLD-38-52C	3/12/2009	10.97	103.35
OLD-38-53D	3/12/2009	11.01	103.32
OLD-38-54C	3/12/2009	8.57	103.93
OLD-38-55D	3/12/2009	8.6	103.93
OLD-38-56C	3/12/2009	10.69	103.96
OLD-38-57A	3/12/2009	7.16	106.54
OLD-38-59C	3/12/2009	4.75	101.34
OLD-38-60C	3/12/2009	5.95	99.99
OLD-38-61C	3/12/2009	6.56	99.17
OLD-38-62D	3/12/2009	5.94	100.37
MW-38C	6/3/2009	5.36	110.23
MW-39C	6/3/2009	5.52	109.245
MW-41C	6/3/2009	6.98	107.64
MW-42C	6/3/2009	5.68	107.405
MW-43C	6/3/2009	6.11	107.24
MW-44C	6/3/2009	7.89	106.76
MW-45C	6/3/2009	5.37	106.91
MW-46D	6/3/2009	6.8	107.82
MW-47C	6/3/2009	5.16	106.64
MW-48C	6/3/2009	7.57	105.95
OLD-38-49D	6/5/2009	7.3	106.03
OLD-38-50C	6/5/2009	7.75	106.12
OLD-38-51D	6/5/2009	7.75	106.13
OLD-38-52C	6/5/2009	8.06	106.26
OLD-38-53D	6/5/2009	8.06	106.27
OLD-38-54C	6/5/2009	5.71	106.79
OLD-38-55D	6/5/2009	5.71	106.82
OLD-38-56C	6/5/2009	7.82	106.83

DEPTH TO WATER AND GROUNDWATER ELEVATIONS
STUDY AREA 38

NAVAL TRAINING CENTER
ORLANDO, FLORIDA

Well ID	Date	Depth to Water (ft)	Groundwater Elevation (ft)
OLD-38-57A	6/5/2009	4.12	109.58
OLD-38-59C	6/5/2009	1.73	104.34
OLD-38-60C	6/5/2009	2.75	103.18
OLD-38-61C	6/5/2009	3.38	102.33
OLD-38-62D	6/5/2009	2.9	103.39

APPENDIX G

SOIL CORE PHOTOGRAPHS

Appendix G
Soil Core Photographs

Study Area 38

Naval Training Center Orlando
Orlando, Florida

Appendix G
Soil Core Photographs

Study Area 38

Naval Training Center Orlando
Orlando, Florida

Appendix G
Soil Core Photographs

Study Area 38

Naval Training Center Orlando
Orlando, Florida

APPENDIX H

WELL HYDROGRAPHS

FIGURE H-1
WELL HYDROGRAPH - WEST PLUME AREA

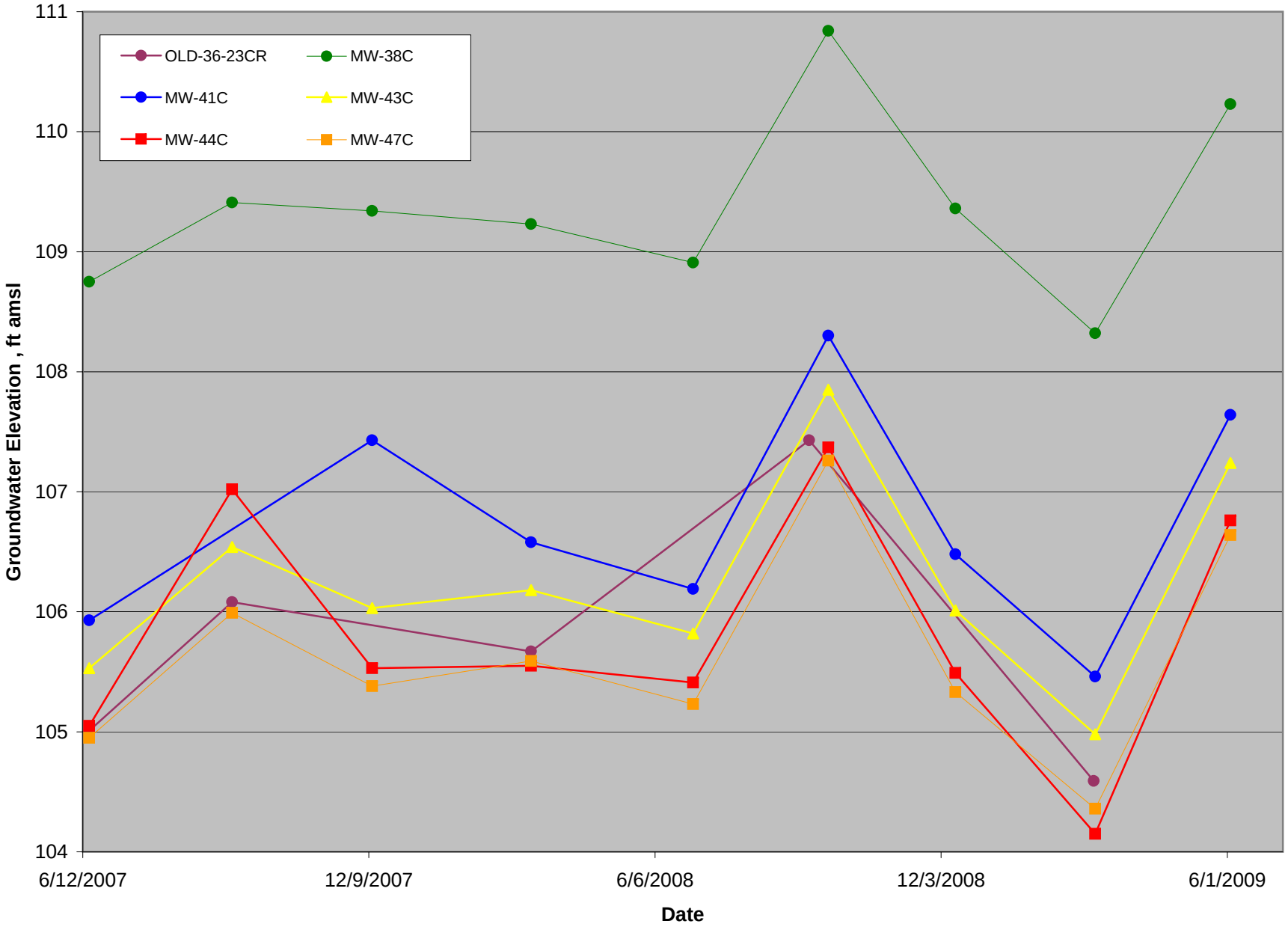


FIGURE H-2
WELL HYDROGRAPH - MID PLUME AREA

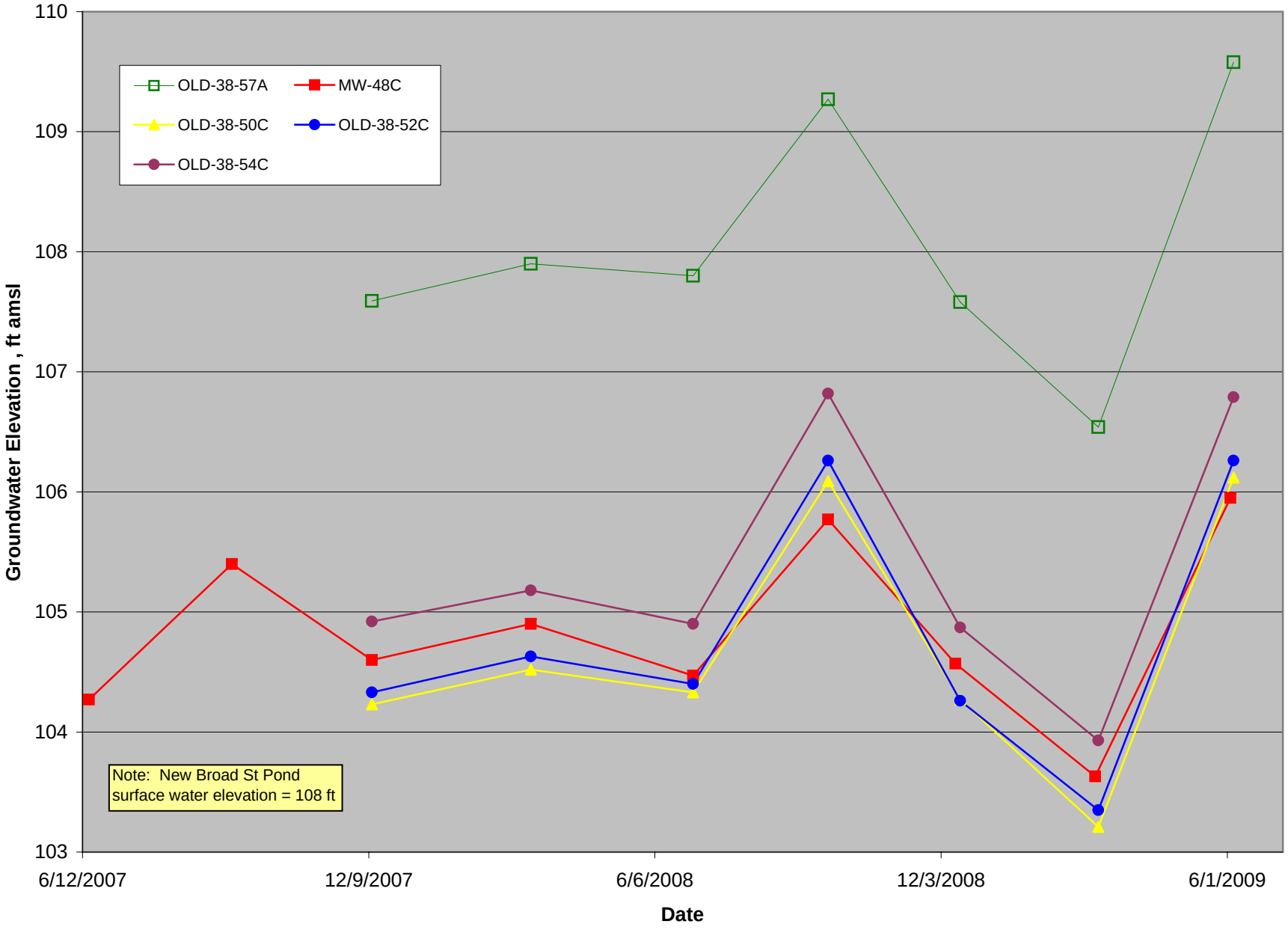


FIGURE H-3
WELL HYDROGRAPH - EAST PLUME AREA

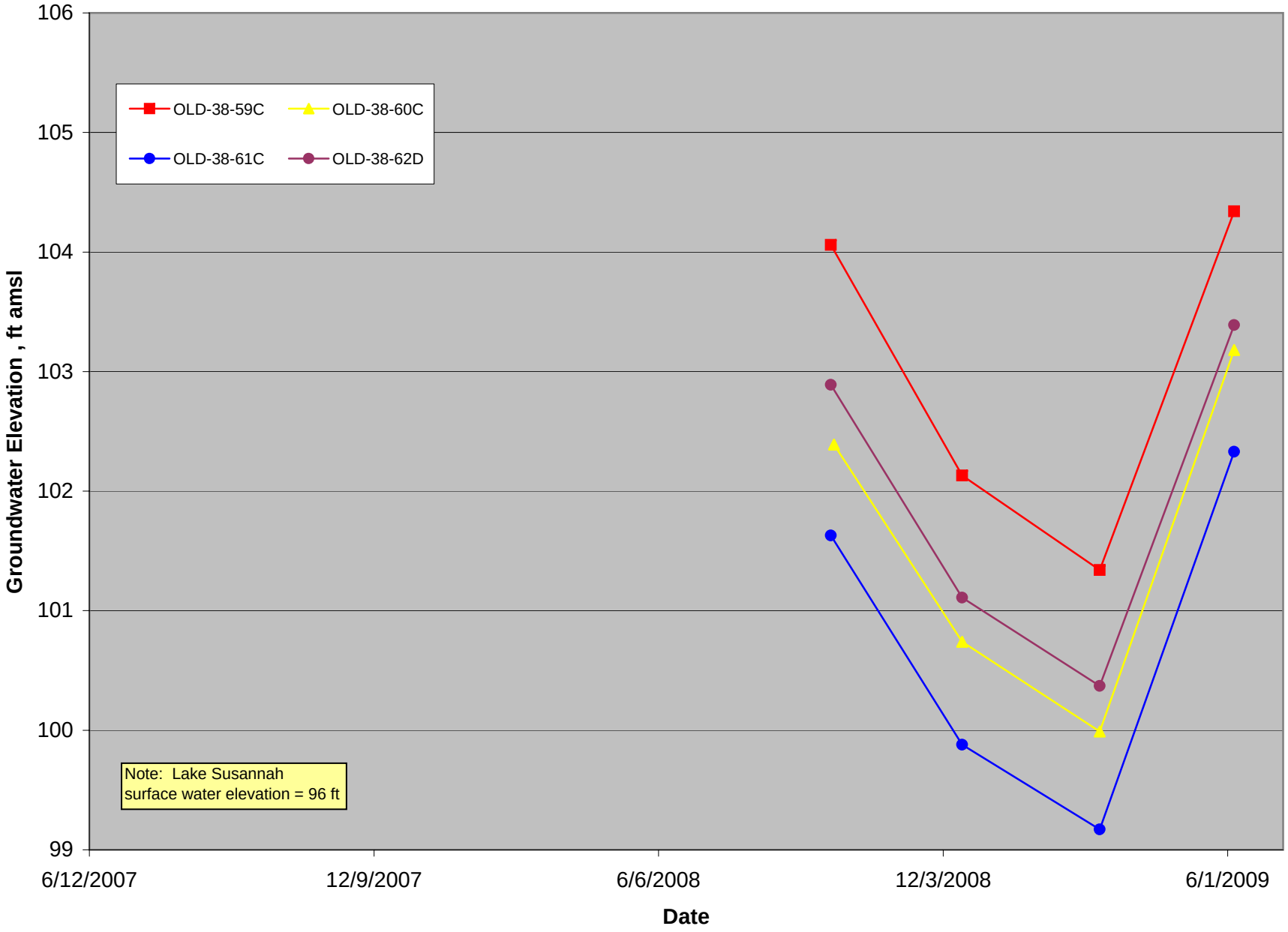
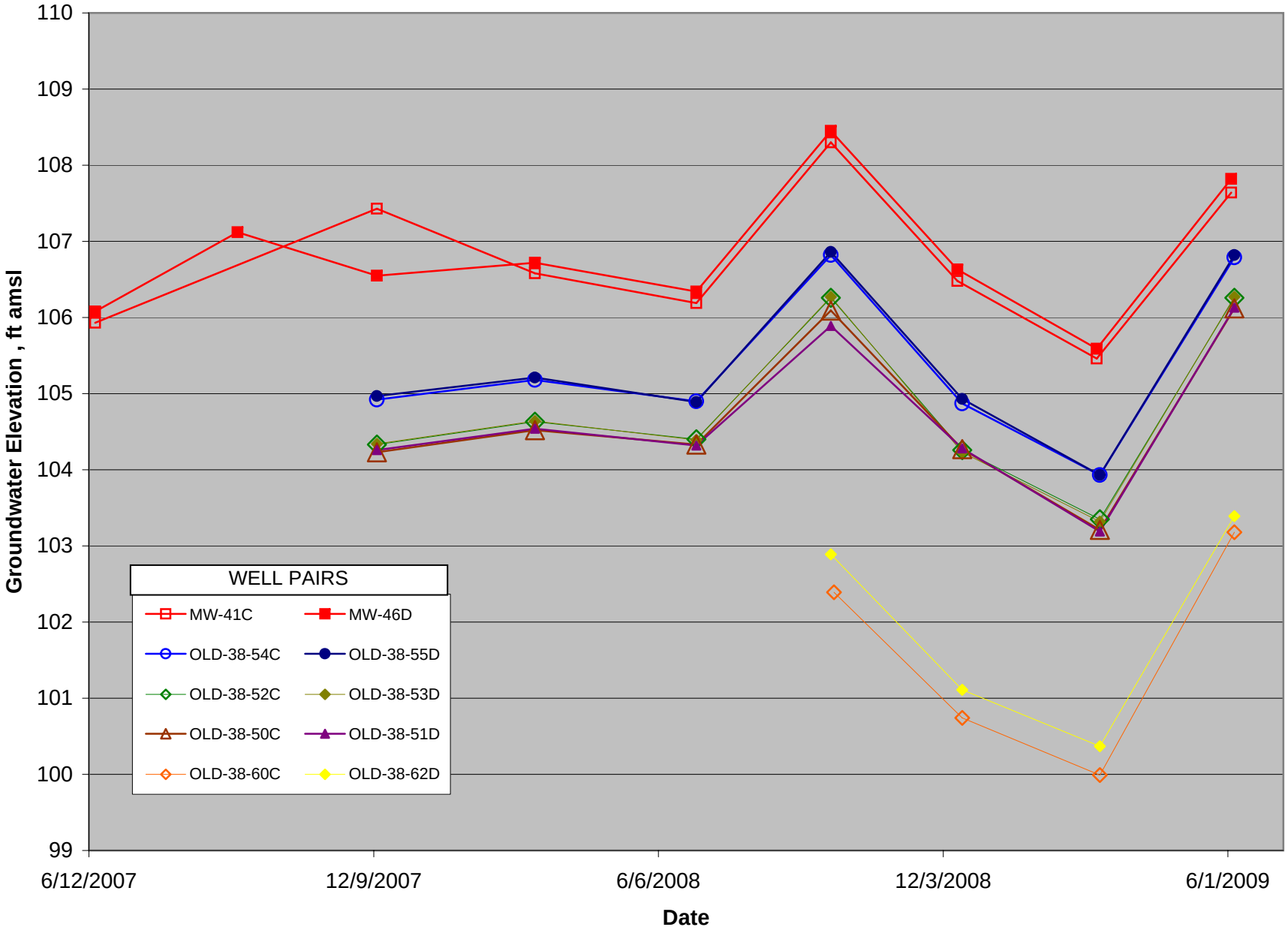


FIGURE H-4
WELL HYDROGRAPH - C and D WELL PAIRS



APPENDIX I

ANALYTICAL DATA

Appendix I
Analytical Data

Study Area 38

Naval Training Center Orlando
Orlando, Florida

LOCATION SAMPLE DEPTH RANGE SAMPLE DATE	CAS	FL GCTLs	38GSB01 NTC38GSB01182806122007 18-28 20070612	38GSB01 NTC38GSB01384806122007 38-48 20070612	38GSB01 NTC38GSB01556306132007 55-63 20070613	38GSB02 NTC38GSB02081806132007 18-Aug 20070613	38GSB02 NTC38GSB02384806142007 38-48 20070614	38GSB03 NTC38GSB03182806142007 18-28 20070614	38GSB03 NTC38GSB03384806142007 38-48 20070614	38GSB04 NTC38GSB04081806152007 18-Aug 20070615	38GSB04 NTC38GSB04384806152007 38-48 20070615
Volatile Orgaqnics (ug/L)											
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3									
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.4 U	4 U	0.4 U	4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	75-34-3	70	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	563-58-6	---									
1,2,3-TRICHLOROBENZENE	87-61-6	70									
1,2,3-TRICHLOROPROPANE	96-18-4	0.02									
1,2,4-TRICHLOROBENZENE	120-82-1	70									
1,2,4-TRIMETHYLBENZENE	95-63-6	10									
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2									
1,2-DIBROMOETHANE	106-93-4	0.02									
1,2-DICHLOROBENZENE	95-50-1	600									
1,2-DICHLOROETHANE	107-06-2	3	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	78-87-5	5	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10									
1,3-DICHLOROBENZENE	541-73-1	210									
1,3-DICHLOROPROPANE	142-28-9	---									
1,4-DICHLOROBENZENE	106-46-7	75									
2,2-DICHLOROPROPANE	594-20-7	---									
2-BUTANONE	78-93-3	4200	2.5 U	25 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	---									
2-CHLOROTOLUENE	95-49-8	140									
2-HEXANONE	591-78-6	280	2.5 U	25 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-CHLOROTOLUENE	106-43-4	140									
4-ISOPROPYLTOLUENE	99-87-6	---									
4-METHYL-2-PENTANONE	108-10-1	560	2.5 U	25 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ACETONE	67-64-1	6300	6.8 J	50 U	5 U	50 U	11.4 J	5 U	7.4 J	12.3 J	7.5 J
ACROLEIN	107-02-8	3.5									
ACRYLONITRILE	107-13-1	0.06									
BENZENE	**71-43-2**	**1**	0.5 U	407	8.8	5 U	4.8	0.5 U	0.5 U	0.5 U	46.6
BROMOBENZENE	108-86-1	---									
BROMOCHLOROMETHANE	74-97-5	91									
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	6.8	5 U	0.5 U	5 U	3.7	0.7 J	0.5 U	10.3	5.3
BROMOFORM	75-25-2	4.4	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	74-83-9	9.8	1 U	10 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	1.8 J	10 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	1.9	4 U	0.4 U	4 U	1.4	0.4 U	0.4 U	3.4	1.4
CHLOROETHANE	75-00-3	12	1 U	10 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	67-66-3	70	27.4	16.4	13.7	19.2	44.8	2.7	28.1	37.6	28.7
CHLOROMETHANE	74-87-3	2.7	1 U	10 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	---	0.3 U	3 U	0.3 U	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
DIBROMOMETHANE	74-95-3	70									
DICHLORODIFLUOROMETHANE	75-71-8	1400									
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	189	3.5	5 U	0.5 U	0.5 U	0.5 U	0.5 U	19.6
HEXACHLOROBUTADIENE	87-68-3	0.4									
ISOPROPYLBENZENE	98-82-8	**0.8**									
M+P-XYLENES	TTNUS054	---									
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**									
METHYLENE CHLORIDE	75-09-2	5	1 U	12.8 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
N-BUTYLBENZENE	104-51-8	---									
N-PROPYLBENZENE	103-65-1	---									
NAPHTHALENE	**91-20-3**	**14**									
O-XYLENE	95-47-6	---									
SEC-BUTYLBENZENE	135-98-8	---									
STYRENE	100-42-5	100	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TERT-BUTYLBENZENE	98-06-6	---									
TETRACHLOROETHENE	127-18-4	3	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TOLUENE	108-88-3	40	0.5 U	5 U	1.6	5 U	0.68 J	0.5 U	0.5 U	0.81 J	0.6 J
TOTAL XYLENES	**1330-20-7**	**20**	1 U	30.2	1 U	10 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	---	0.3 U	3 U	0.3 U	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
TRICHLOROETHENE	79-01-6	3	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROFLUOROMETHANE	75-69-4	2100									
VINYL ACETATE	108-05-4	88									
VINYL CHLORIDE	75-01-4	1	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

LOCATION	CAS	FL GCTLs	38GSB05	38GSB05	38GSB06	38GSB06	38GSB07	38GSB07	38GSB08	38GSB08	38GSB08
SAMPLE			NTC38GSB05414504222008	NTC38GSB05566004222008	NTC38GSB06414504222008	NTC38GSB06606404222008	NTC38GSB07414504232008	NTC38GSB07566004232008	NTC38GSB08212504232008	NTC38GSB08414504232008	NTC38GSB08606404232008
DEPTH RANGE			41-45	56-60	41-45	60-64	41-45	56-60	21-25	41-45	60-64
SAMPLE DATE			20080422	20080422	20080422	20080422	20080423	20080423	20080423	20080423	20080423
Volatile Orgaqnics (ug/L)											
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,1-DICHLOROETHANE	75-34-3	70	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,1-DICHLOROETHENE	75-35-4	7	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
1,1-DICHLOROPROPENE	563-58-6	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.66 J	0.3 U	0.3 U	0.3 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,2-DICHLOROBENZENE	95-50-1	600	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,2-DICHLOROETHANE	107-06-2	3	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2-DICHLOROPROPANE	78-87-5	5	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,3-DICHLOROBENZENE	541-73-1	210	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,3-DICHLOROPROPANE	142-28-9	---	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,4-DICHLOROBENZENE	106-46-7	75	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2,2-DICHLOROPROPANE	594-20-7	---	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
2-BUTANONE	78-93-3	4200	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	3.4 J	9.4 J
2-CHLOROETHYL VINYL ETHER	110-75-8	---	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
2-CHLOROTOLUENE	95-49-8	140	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
2-HEXANONE	591-78-6	280	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
4-CHLOROTOLUENE	106-43-4	140	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
4-ISOPROPYLTOLUENE	99-87-6	---	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
4-METHYL-2-PENTANONE	108-10-1	560	0.97 UR	0.97 UR	0.97 UR	0.97 UR	0.97 UR	0.97 UR	0.97 UR	0.97 UR	0.97 UR
ACETONE	67-64-1	6300	0.74 U	5.5	0.74 U	0.74 U	0.74 U	0.74 U	0.74 U	20	68
ACROLEIN	107-02-8	3.5	7.1 UR	7.1 UR	7.1 UR	7.1 UR	7.1 UR	7.1 UR	7.1 UR	7.1 UR	7.1 UR
ACRYLONITRILE	107-13-1	0.06	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
BENZENE	**71-43-2**	**1**	1000	0.63 J	0.34 U	0.34 U	79	8.5	0.34 U	0.42 J	0.46 J
BROMOBENZENE	108-86-1	---	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
BROMOCHLOROMETHANE	74-97-5	91	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
BROMOFORM	75-25-2	4.4	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
BROMOMETHANE	74-83-9	9.8	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
CARBON DISULFIDE	75-15-0	700	1.5 J	0.5 U	0.5 U	0.5 U	3.4 J	1.8 J	0.5 U	2.2 J	3.1 J
CARBON TETRACHLORIDE	56-23-5	3	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
CHLOROBENZENE	108-90-7	100	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
CHLOROETHANE	75-00-3	12	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
CHLOROFORM	67-66-3	70	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
CHLOROMETHANE	74-87-3	2.7	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
DIBROMOMETHANE	74-95-3	70	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U
ETHYLBENZENE	**100-41-4**	**30**	4.6	0.36 U	0.36 U	0.36 U	0.78 J	1	0.36 U	0.36 U	0.36 U
HEXACHLOROBUTADIENE	87-68-3	0.4	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
ISOPROPYLBENZENE	98-82-8	**0.8**	1.4	0.2 U	0.2 U	0.2 U	0.41 J	1.9	0.2 U	0.2 U	0.2 U
M+P-XYLENES	TTNUS054	---	0.55 J	0.52 U	0.52 U	0.52 U	0.66 J	0.52 U	0.52 U	0.71 J	0.52 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	77	0.59 U	0.59 U	0.59 U	4.5	0.59 U	0.59 U	0.88 J	0.59 U
METHYLENE CHLORIDE	75-09-2	5	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
N-BUTYLBENZENE	104-51-8	---	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
N-PROPYLBENZENE	103-65-1	---	0.87 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
NAPHTHALENE	**91-20-3**	**14**	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	24	0.43 U	0.43 U	0.43 U
O-XYLENE	95-47-6	---	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
SEC-BUTYLBENZENE	135-98-8	---	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
STYRENE	100-42-5	100	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
TERT-BUTYLBENZENE	98-06-6	---	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
TETRACHLOROETHENE	127-18-4	3	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
TOLUENE	108-88-3	40	0.69 J	0.38 U	0.38 U	0.38 U	1.6	1.4	1.4	1.7	1.2
TOTAL XYLENES	**1330-20-7**	**20**									
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TRICHLOROETHENE	79-01-6	3	0.86 J	0.3 U	1.1	0.3 U	0.95 J	0.3 U	0.3 U	0.72 J	0.3 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
VINYL ACETATE	108-05-4	88	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
VINYL CHLORIDE	75-01-4	1	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U

LOCATION SAMPLE DEPTH RANGE SAMPLE DATE	CAS	FL GCTLs	38GSB09 NTC38GSB09202404232008 20-24 20080423	38GSB09 NTC38GSB09364004242008 36-40 20080424	38GSB09 NTC38GSB09566004242008 56-60 20080424	38GSB10 NTC38GSB10313504242008 31-35 20080424	38GSB10 NTC38GSB10414504242008 41-45 20080424	38GSB10 NTC38GSB10566004242008 56-60 20080424	38GSB11 NTC38GSB11162004292008 16-20 20080429	38GSB11 NTC38GSB11313504292008 31-35 20080429	38GSB11 NTC38GSB11414504292008 41-45 20080429
Volatile Orgaqnics (ug/L)											
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.45 U	2.2 U	0.45 U	0.45 U	0.45 U	0.45 U	0.31 U	0.31 U	0.31 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.22 U	0.22 U	0.22 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.22 U	1.1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.39 U	0.39 U	0.39 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.33 U	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.2 U	0.2 U	0.2 U
1,1-DICHLOROETHANE	75-34-3	70	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U	0.21 U	0.21 U	0.21 U
1,1-DICHLOROETHENE	75-35-4	7	0.46 U	2.3 U	0.46 U	0.46 U	0.46 U	0.46 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	563-58-6	---	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U	0.27 U	0.27 U	0.27 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.4 U	2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.27 U	0.27 U	0.27 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U	0.39 U	0.39 U	0.39 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.34 U	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U	0.4 U	0.4 U	0.4 U
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U	0.29 U	0.29 U	0.29 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	0.79 U	4 U	0.79 U	0.79 U	0.79 U	0.79 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.34 U	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	95-50-1	600	0.33 U	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.29 U	0.29 U	0.29 U
1,2-DICHLOROETHANE	107-06-2	3	0.39 U	2 U	0.39 U	0.39 U	0.39 U	0.39 U	0.26 U	0.26 U	0.26 U
1,2-DICHLOROPROPANE	78-87-5	5	0.33 U	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.4 U	0.4 U	0.4 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U	0.2 U	0.2 U	0.2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U	0.36 U	0.36 U	0.36 U
1,3-DICHLOROPROPANE	142-28-9	---	0.25 U	1.2 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,4-DICHLOROBENZENE	106-46-7	75	0.33 U	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.27 U	0.27 U	0.27 U
2,2-DICHLOROPROPANE	594-20-7	---	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
2-BUTANONE	78-93-3	4200	2.5 UR	12 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	1.3 UR	1.3 UR	1.3 UR
2-CHLOROETHYL VINYL ETHER	110-75-8	---	0.42 U	2.1 U	0.42 U	0.42 U	0.42 U	0.42 U	0.52 UR	0.52 UR	0.52 UR
2-CHLOROTOLUENE	95-49-8	140	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U	0.24 U	0.24 U	0.24 U
2-HEXANONE	591-78-6	280	0.75 U	3.8 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.5 U	0.5 U
4-CHLOROTOLUENE	106-43-4	140	0.26 U	1.3 U	0.26 U	0.26 U	0.26 U	0.26 U	0.27 U	0.27 U	0.27 U
4-ISOPROPYLTOLUENE	99-87-6	---	0.28 U	1.4 U	0.28 U	0.28 U	0.28 U	0.28 U	0.2 U	0.2 U	0.2 U
4-METHYL-2-PENTANONE	108-10-1	560	0.97 UR	4.8 UR	0.97 UR	0.97 UR	0.97 UR	0.97 UR	0.67 UR	0.67 UR	0.67 UR
ACETONE	67-64-1	6300	0.74 U	3.7 U	0.74 U	0.74 U	9.8	22	1.5 U	1.5 U	1.5 U
ACROLEIN	107-02-8	3.5	7.1 UR	36 UR	7.1 UR	7.1 UR	7.1 UR	7.1 UR	10 UR	10 UR	10 UR
ACRYLONITRILE	107-13-1	0.06	3.5 U	18 U	3.5 U	3.5 U	3.5 U	3.5 U	3.8 U	3.8 U	3.8 U
BENZENE	**71-43-2**	**1**	0.34 U	760	30	0.34 U	0.46 J	0.34 U	0.3 J	0.39 J	0.3 U
BROMOBENZENE	108-86-1	---	0.41 U	2 U	0.41 U	0.41 U	0.41 U	0.41 U	0.32 U	0.32 U	0.32 U
BROMOCHLOROMETHANE	74-97-5	91	0.33 U	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.43 U	0.43 U	0.43 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.22 U	1.1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.25 U	0.25 U	0.25 U
BROMOFORM	75-25-2	4.4	0.33 U	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.2 U	0.2 U	0.2 U
BROMOMETHANE	74-83-9	9.8	0.68 U	3.4 U	0.68 U	0.68 U	0.68 U	0.68 U	0.4 U	0.4 U	0.4 U
CARBON DISULFIDE	75-15-0	700	1.2 J	2.5 U	1.9 J	2.5 J	0.7 J	1.9 J	0.22 U	0.22 U	0.22 U
CARBON TETRACHLORIDE	56-23-5	3	0.47 U	2.4 U	0.47 U	0.47 U	0.47 U	0.47 U	0.27 U	0.27 U	0.27 U
CHLOROBENZENE	108-90-7	100	0.27 U	1.4 U	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U	0.28 U	0.28 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.23 U	1.2 U	0.23 U	0.23 U	0.23 U	0.23 U	0.25 U	0.25 U	0.25 U
CHLOROETHANE	75-00-3	12	0.54 U	2.7 U	0.54 U	0.54 U	0.54 U	0.54 U	0.93 U	0.93 U	0.93 U
CHLOROFORM	67-66-3	70	0.36 U	1.8 U	0.36 U	0.36 U	0.36 U	0.36 U	0.27 U	0.28 J	0.27 U
CHLOROMETHANE	74-87-3	2.7	0.37 U	1.8 U	0.37 U	0.37 U	0.37 U	0.37 U	0.27 U	0.27 U	0.27 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.34 U	1.7 U	0.34 U	0.34 U	0.34 U	0.34 U	0.22 U	0.22 U	0.22 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	---	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.27 U	0.27 U	0.27 U
DIBROMOMETHANE	74-95-3	70	0.52 U	2.6 U	0.52 U	0.52 U	0.52 U	0.52 U	0.3 U	0.3 U	0.3 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.63 U	3.2 U	0.63 U	0.63 U	0.63 U	0.63 U	0.33 U	0.33 U	0.33 U
ETHYLBENZENE	**100-41-4**	**30**	0.36 U	1.8 J	0.36 U	0.36 U	0.36 U	0.36 U	0.25 U	0.25 U	0.25 U
HEXACHLOROBUTADIENE	87-68-3	0.4	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U	0.4 U
M+P-XYLENES	TTNUS054	---	0.52 U	2.6 U	0.52 U	0.52 U	0.52 U	0.52 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.59 U	21	0.59 U	0.59 U	0.59 U	0.59 U	0.27 U	0.27 U	0.27 U
METHYLENE CHLORIDE	75-09-2	5	0.49 U	2.4 U	0.49 U	0.49 U	0.49 U	0.49 U	0.27 U	0.27 U	0.27 U
N-BUTYLBENZENE	104-51-8	---	0.41 U	2 U	0.41 U	0.41 U	0.41 U	0.41 U	0.26 U	0.26 U	0.26 U
N-PROPYLBENZENE	103-65-1	---	0.32 U	1.6 U	0.32 U	0.32 U	0.32 U	0.32 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	**91-20-3**	**14**	0.43 U	2.2 U	0.43 U	0.43 U	0.43 U	0.43 U	0.27 U	0.27 U	0.27 U
O-XYLENE	95-47-6	---	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U	0.22 U	0.22 U	0.22 U
SEC-BUTYLBENZENE	135-98-8	---	0.41 U	2 U	0.41 U	0.41 U	0.41 U	0.41 U	0.2 U	0.2 U	0.2 U
STYRENE	100-42-5	100	0.23 U	1.2 U	0.23 U	0.23 U	0.23 U	0.23 U	0.2 U	0.2 U	0.2 U
TERT-BUTYLBENZENE	98-06-6	---	0.33 U	1.6 U	0.33 U	0.33 U	0.33 U	0.33 U	0.4 U	0.4 U	0.4 U
TETRACHLOROETHENE	127-18-4	3	0.47 U	2.4 U	0.47 U	0.47 U	0.47 U	0.47 U	0.2 U	0.2 U	0.2 U
TOLUENE	108-88-3	40	1.2	1.9 U	0.57 J	0.98 J	1.4	0.67 J	1.6	2.1	1.2
TOTAL XYLENES	**1330-20-7**	**20**									
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.58 U	2.9 U	0.58 U	0.58 U	0.58 U	0.58 U	0.43 U	0.43 U	0.43 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	---	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TRICHLOROETHENE	79-01-6	3	0.3 U	1.5 U	0.3 U	0.3 U	0.3 U	0.3 U	0.26 U	0.26 U	0.26 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.52 U	2.6 U	0.52 U	0.52 U	0.52 U	0.52 U	0.26 U	0.26 U	0.26 U
VINYL ACETATE	108-05-4	88	0.42 U	2.1 U	0.42 U	0.42 U	0.42 U	0.42 U	0.26 U	0.26 U	0.26 U
VINYL CHLORIDE	75-01-4	1	0.91 U	4.6 U	0.91 U	0.91 U	0.91 U	0.91 U	0.22 U	0.22 U	0.22 U

LOCATION SAMPLE DEPTH RANGE SAMPLE DATE	CAS	FL GCTLs	38GSB11 NTC38GSB11566004292008 56-60 20080429	38GSB12 NTC38GSB12313504292008 31-35 20080429	38GSB12 NTC38GSB12414504292008 41-45 20080429	38GSB12 NTC38GSB12566004302008 56-60 20080430	38GSB13 NTC38GSB13313504302008 31-35 20080430	38GSB13 NTC38GSB13414504302008 41-45 20080430	38GSB13 NTC38GSB13566004302008 56-60 20080430	38GSB14 NTC38GSB14162004302008 16-20 20080430	38GSB14 NTC38GSB14313504302008 31-34 20080430
Volatile Orgaqnics (ug/L)											
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-DICHLOROETHANE	75-34-3	70	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	563-58-6	---	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-DICHLOROBENZENE	95-50-1	600	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
1,2-DICHLOROETHANE	107-06-2	3	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-DICHLOROPROPANE	78-87-5	5	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,3-DICHLOROPROPANE	142-28-9	---	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
1,4-DICHLOROBENZENE	106-46-7	75	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
2,2-DICHLOROPROPANE	594-20-7	---	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
2-BUTANONE	78-93-3	4200	1.3 UR	1.3 UR	1.3 UR	1.3 UR	1.3 UR	1.3 UR	1.3 UR	1.3 UR	1.3 UR
2-CHLOROETHYL VINYL ETHER	110-75-8	---	0.52 UR	0.52 UR	0.52 UR	0.52 UR	0.52 UR	0.52 UR	0.52 UR	0.52 UR	0.52 UR
2-CHLOROTOLUENE	95-49-8	140	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
2-HEXANONE	591-78-6	280	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-CHLOROTOLUENE	106-43-4	140	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
4-ISOPROPYLTOLUENE	99-87-6	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-METHYL-2-PENTANONE	108-10-1	560	0.67 UR	0.67 UR	0.67 UR	0.67 UR	0.67 UR	0.67 UR	0.67 UR	0.67 UR	0.67 UR
ACETONE	67-64-1	6300	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
ACROLEIN	107-02-8	3.5	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR
ACRYLONITRILE	107-13-1	0.06	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
BENZENE	**71-43-2**	**1**	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.85 J	0.3 U	0.3 U	0.74 J
BROMOBENZENE	108-86-1	---	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMOCHLOROMETHANE	74-97-5	91	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
BROMOFORM	75-25-2	4.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BROMOMETHANE	74-83-9	9.8	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CARBON DISULFIDE	75-15-0	700	0.22 U	0.22 U	0.22 U	0.22 U	2.2 J	0.22 U	0.22 U	0.22 U	0.22 U
CARBON TETRACHLORIDE	56-23-5	3	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CHLOROBENZENE	108-90-7	100	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROETHANE	75-00-3	12	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 J	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CHLOROMETHANE	74-87-3	2.7	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	---	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
DIBROMOMETHANE	74-95-3	70	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.37 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HEXACHLOROBUTADIENE	87-68-3	0.4	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
ISOPROPYLBENZENE	98-82-8	**0.8**	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
M+P-XYLENES	TTNUS054	---	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
METHYLENE CHLORIDE	75-09-2	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
N-BUTYLBENZENE	104-51-8	---	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
N-PROPYLBENZENE	103-65-1	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NAPHTHALENE	**91-20-3**	**14**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
O-XYLENE	95-47-6	---	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
SEC-BUTYLBENZENE	135-98-8	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
STYRENE	100-42-5	100	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TERT-BUTYLBENZENE	98-06-6	---	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
TETRACHLOROETHENE	127-18-4	3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TOLUENE	108-88-3	40	0.44 J	1.3	1.2	0.67 J	0.49 J	2	0.29 J	0.41 J	0.52 J
TOTAL XYLENES	**1330-20-7**	**20**									
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
VINYL ACETATE	108-05-4	88	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
VINYL CHLORIDE	75-01-4	1	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U

LOCATION SAMPLE DEPTH RANGE SAMPLE DATE	CAS	FL GCTLs	38GSB14 NTC38GSB14414504302008 41-45 20080430	38GSB14 NTC38GSB14566005012008 56-60 20080501	38GSB15 NTC38GSB15313506032008 31-35 20080603	38GSB15 NTC38GSB15566006032008 56-60 20080603	38GSB16 NTC38GSB16313506032008 31-35 20080603	38GSB16 NTC38GSB16566006032008 56-60 20080603	38GSB17 NTC38GSB17384212162008 38-42 20081216	38GSB17 NTC38GSB17778112162008 77-81 20081216	38GSB18 NTC38GSB18374112182008 37-41 20081218
Volatile Orgaqnics (ug/L)											
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U			
1,1,1-TRICHLOROETHANE	71-55-6	200	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-DICHLOROETHANE	75-34-3	70	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	563-58-6	---	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U			
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U			
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U			
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U			
1,2,4-TRIMETHYLBENZENE	95-63-6	10	0.29 U	0.29 U	4	0.29 U	0.52 J	0.29 U			
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
1,2-DIBROMOETHANE	106-93-4	0.02	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U			
1,2-DICHLOROBENZENE	95-50-1	600	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U			
1,2-DICHLOROETHANE	107-06-2	3	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-DICHLOROPROPANE	78-87-5	5	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U			
1,3-DICHLOROBENZENE	541-73-1	210	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U			
1,3-DICHLOROPROPANE	142-28-9	---	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U			
1,4-DICHLOROBENZENE	106-46-7	75	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U			
2,2-DICHLOROPROPANE	594-20-7	---	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U			
2-BUTANONE	78-93-3	4200	1.3 UR	1.3 UR	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2-CHLOROETHYL VINYL ETHER	110-75-8	---	0.52 UR	0.52 UR	0.52 U	0.52 U	0.52 U	0.52 U			
2-CHLOROTOLUENE	95-49-8	140	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U			
2-HEXANONE	591-78-6	280	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-CHLOROTOLUENE	106-43-4	140	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U			
4-ISOPROPYLTOLUENE	99-87-6	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			
4-METHYL-2-PENTANONE	108-10-1	560	0.67 UR	0.67 UR	0.67 UR	0.67 UR	0.67 UR	0.67 UR	0.67 U	0.67 U	0.67 U
ACETONE	67-64-1	6300	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	5.3	5.3	1.5 U
ACROLEIN	107-02-8	3.5	10 UR	10 UR	10 U	10 U	10 U	10 U			
ACRYLONITRILE	107-13-1	0.06	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U			
BENZENE	**71-43-2**	**1**	0.3 U	2.2	1	0.5 J	0.3 U	10	4.2	85	0.3 U
BROMOBENZENE	108-86-1	---	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U			
BROMOCHLOROMETHANE	74-97-5	91	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U			
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
BROMOFORM	75-25-2	4.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BROMOMETHANE	74-83-9	9.8	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CARBON DISULFIDE	75-15-0	700	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
CARBON TETRACHLORIDE	56-23-5	3	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CHLOROBENZENE	108-90-7	100	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROETHANE	75-00-3	12	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	1.2	0.27 U
CHLOROMETHANE	74-87-3	2.7	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	---	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
DIBROMOMETHANE	74-95-3	70	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U			
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U			
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.28 J	1.5	0.25 U	0.25 U	0.25 U	0.25 U	3.1	0.25 U
HEXACHLOROBUTADIENE	87-68-3	0.4	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U			
ISOPROPYLBENZENE	98-82-8	**0.8**	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U			
M+P-XYLENES	TTNUS054	---	0.71 U	0.71 U	5.8	0.72 J	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	14	0.96 J	0.27 U	0.27 U	0.27 U	0.27 U	2.4	4.3	0.27 U
METHYLENE CHLORIDE	75-09-2	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
N-BUTYLBENZENE	104-51-8	---	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U			
N-PROPYLBENZENE	103-65-1	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			
NAPHTHALENE	**91-20-3**	**14**	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U			
O-XYLENE	95-47-6	---	0.22 U	0.22 U	2.8	0.22 U	0.65 J	0.22 U	0.22 U	0.22 U	0.22 U
SEC-BUTYLBENZENE	135-98-8	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			
STYRENE	100-42-5	100	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TERT-BUTYLBENZENE	98-06-6	---	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U			
TETRACHLOROETHENE	127-18-4	3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TOLUENE	108-88-3	40	0.49 J	1.5	13	1.9	1.7	0.74 J	0.26 U	0.26 U	0.26 U
TOTAL XYLENES	**1330-20-7**	**20**							0.71 U	0.71 U	0.71 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U			
VINYL ACETATE	108-05-4	88	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U			
VINYL CHLORIDE	75-01-4	1	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U

LOCATION SAMPLE DEPTH RANGE SAMPLE DATE	CAS	FL GCTLs	38GSB19 NTC38GSB19374112192008 37-41 20081219	38GSB19 NTC38GSB19566012192008 56-60 20081219	38GSB20 NTC38GSB20353912182008 35-39 20081218	38GSB20 NTC38GSB20545812182008 54-58 20081218	38GSB21 NTC38GSB21353912182008 35-39 20081218	38GSB21 NTC38GSB21545812182008 54-58 20081218	38GSB22 NTC38GSB22353912192008 35-39 20081219	38GSB22 NTC38GSB22545812192008 54-58 20081219
Volatile Orgaqnics (ug/L)										
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3								
1,1,1-TRICHLOROETHANE	71-55-6	200	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-DICHLOROETHANE	75-34-3	70	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROPROPENE	563-58-6	---								
1,2,3-TRICHLOROBENZENE	87-61-6	70								
1,2,3-TRICHLOROPROPANE	96-18-4	0.02								
1,2,4-TRICHLOROBENZENE	120-82-1	70								
1,2,4-TRIMETHYLBENZENE	95-63-6	10								
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2								
1,2-DIBROMOETHANE	106-93-4	0.02								
1,2-DICHLOROBENZENE	95-50-1	600								
1,2-DICHLOROETHANE	107-06-2	3	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-DICHLOROPROPANE	78-87-5	5	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10								
1,3-DICHLOROBENZENE	541-73-1	210								
1,3-DICHLOROPROPANE	142-28-9	---								
1,4-DICHLOROBENZENE	106-46-7	75								
2,2-DICHLOROPROPANE	594-20-7	---								
2-BUTANONE	78-93-3	4200	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2-CHLOROETHYL VINYL ETHER	110-75-8	---								
2-CHLOROTOLUENE	95-49-8	140								
2-HEXANONE	591-78-6	280	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-CHLOROTOLUENE	106-43-4	140								
4-ISOPROPYLTOLUENE	99-87-6	---								
4-METHYL-2-PENTANONE	108-10-1	560	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
ACETONE	67-64-1	6300	1.5 U	1.5 U	1.5 U	1.5 U	3.2 J	1.5 U	1.5 U	1.5 U
ACROLEIN	107-02-8	3.5								
ACRYLONITRILE	107-13-1	0.06								
BENZENE	**71-43-2**	**1**	0.3 U	0.3 U	0.3 U	0.35 J	0.3 U	0.3 U	0.3 U	0.3 U
BROMOBENZENE	108-86-1	---								
BROMOCHLOROMETHANE	74-97-5	91								
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
BROMOFORM	75-25-2	4.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
BROMOMETHANE	74-83-9	9.8	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CARBON DISULFIDE	75-15-0	700	0.74 J	0.22 U	0.75 J	0.57 J	0.63 J	0.56 J	0.53 J	0.69 J
CARBON TETRACHLORIDE	56-23-5	3	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CHLOROBENZENE	108-90-7	100	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROETHANE	75-00-3	12	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U	0.93 U
CHLOROFORM	67-66-3	70	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CHLOROMETHANE	74-87-3	2.7	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	---	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
DIBROMOMETHANE	74-95-3	70								
DICHLORODIFLUOROMETHANE	75-71-8	1400								
ETHYLBENZENE	**100-41-4**	**30**	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HEXACHLOROBUTADIENE	87-68-3	0.4								
ISOPROPYLBENZENE	98-82-8	**0.8**								
M+P-XYLENES	TTNUS054	---	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.27 U	0.27 U	0.27 U	0.48 J	14	0.52 J	0.27 U	0.27 U
METHYLENE CHLORIDE	75-09-2	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
N-BUTYLBENZENE	104-51-8	---								
N-PROPYLBENZENE	103-65-1	---								
NAPHTHALENE	**91-20-3**	**14**								
O-XYLENE	95-47-6	---	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
SEC-BUTYLBENZENE	135-98-8	---								
STYRENE	100-42-5	100	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TERT-BUTYLBENZENE	98-06-6	---								
TETRACHLOROETHENE	127-18-4	3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TOLUENE	108-88-3	40	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
TOTAL XYLENES	**1330-20-7**	**20**	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	---	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TRICHLOROETHENE	79-01-6	3	0.26 U	0.26 U	0.34 J	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
TRICHLOROFLUOROMETHANE	75-69-4	2100								
VINYL ACETATE	108-05-4	88								
VINYL CHLORIDE	75-01-4	1	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3638C NTC36G38C01 20030910	MW3638C OLD-36N-38C-032304 20040323	MW3638C OLD-36N-38C-061404 20040614	MW3638C MW-38C-20040912 20040912	MW3638C MW-38C-20041210 20041210	MW3638C MW-38C-20050310 20050310	MW3638C MW-38C-20050615 20050615	MW3638C MW-38C-20050913 20050913	MW3638C MW-38C_20051214 20051214	MW3638C MW-38C_20060319 20060319	MW3638C MW-38C_20060607 20060607	MW3638C MW-38C_20060915 20060915	MW3638C MW-38C-20061211 20061211
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		1 U	1 U	1 U	0.19 U	0.199 U	0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	1 U	1 U	1 U	0.27 U	0.271 UJ	0.271 U	0.271 U	0.271 U	0.257 U	0.424 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.3 U	0.2 U	0.2 U	0.2 U	0.11 U	0.115 U	0.115 U	0.115 U	0.115 U	0.341 U	0.226 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.5 U	1 U	1 U	1 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.419 U	0.312 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	0.5 U	1 U	1 U	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.259 U	0.388 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	1 U	1 U	1 U	0.26 U	0.268 U	0.268 U	0.268 U	0.268 U	0.371 U	0.899 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC		1 U	1 U	1 U	0.1 U	0.104 U	0.104 U	0.104 U	0.104 U	0.358 UJ	0.404 U	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70		1 U	1 U	1 U	0.83 U	0.837 U	0.837 U	0.837 U	0.837 U	0.219 U	0.981 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		1 U	1 U	1 U	0.27 U	0.277 U	0.277 U	0.277 U	0.277 U	0.174 U	0.29 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70		1 U	1 U	1 U	0.33 U	0.333 U	0.333 U	0.333 U	0.333 U	0.357 U	0.73 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		24.5	26.3	816	958.6	357 J	2340	2020	3450	409	634	345	115
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		1 U	1 U	1 U	0.88 U	0.88 UJ	0.88 U	0.88 U	0.88 U	0.619 U	1.63 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02		1 U	1 U	1 U	0.14 U	0.147 U	0.147 U	0.147 U	0.147 U	0.26 U	0.363 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600		1 U	1 U	1 U	0.15 U	0.151 U	0.151 U	0.151 U	0.151 U	0.391 U	0.394 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 U	1 U	1 U	1 U	0.08 U	0.0868 U	0.0868 U	0.0869 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	0.5 U	1 U	1 U	1 U	0.08 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.563 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		88.9	9.05	207	385.8	163 J	1090	788	1340	126	294	199	48.6
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC		0.22 U	0.22 U	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.208 UJ	0.28 U	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75		1 U	1 U	1 U	0.09 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.389 U	0.412 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2							22.8 U	22.8 U					
2,2-DICHLOROPROPANE	594-20-7	NC		1 U	1 U	1 U	0.23 U	0.234 U	0.234 U	0.234 U	0.234 U	0.261 U	0.795 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	2.5 U	1.07	1 U	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC		1 U	1 U	1 U	4.62 U	4.62 UJ	4.62 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
2-CHLOROTOLUENE	95-49-8	140		1 U	1 U	1 U	0.36 U	0.366 U	0.366 U	0.366 U	0.366 U	0.499 U	0.661 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	2.5 U	1 U	1 U	1 U	0.83 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140		1 U	1 U	1 U	0.09 U	0.0992 UJ	0.0992 U	0.0992 U	0.0992 U	0.18 U	0.357 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC		6.05	4.36	15	0.17 U	7.77	34.4	28.4	24.8	8.95	15	9.28	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	2.5 U	1 U	1 U	1 U	0.35 U	0.354 U	0.354 U	0.354 U	0.354 U	0.468 U	0.323 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	5 U	10 U	10 U	10 U	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U
ACROLEIN	107-02-8	3.5													
ACRYLONITRILE	107-13-1	0.06													
BENZENE	**71-43-2**	**1**	0.5 U	1 U	1 U	1 U	1.75 J	1.09 J	1.03 J	1 I	1.06 J	1.04	2.75	0.48 J	1.05
BROMOBENZENE	108-86-1	NC		1 U	1 U	1 U	0.17 U	0.175 U	0.175 U	0.175 U	0.175 U	0.344 U	0.536 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91		1 U	1 U	1 U	0.3 U	0.301 U	0.301 U	0.301 U	0.301 U	0.527 UJ	0.899 U	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 U	0.6 U	0.6 U	0.6 U	0.18 U	0.184 UJ	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	0.5 U	1 U	1 U	1 U	0.24 U	0.245 U	0.245 U	0.245 U	0.245 U	0.535 U	0.494 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	1 U	1 U	1 U	1 U	0.35 U	0.357 U	0.357 U	0.357 U	0.357 U	0.67 U	1.42 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	4.1	1 U	1 U	1 U	0.14 U	0.14 UJ	0.14 U	0.14 U	0.14 U	0.211 U	0.5 U	1.79	0.5 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	1 U	1 U	1 U	0.4 U	0.406 UJ	0.406 U	0.406 U	0.406 U	0.67 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.5 U	1 U	1 U	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.4 U	0.4 U	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	1 U	1 U	1 U	0.31 U	0.316 U	0.316 U	0.315 U	0.315 U	0.511 U	1.01 U	1.01 U	7.84 J
CHLOROFORM	67-66-3	70	2.7	1 U	1 U	1 U	0.11 U	0.111 UJ	0.111 U	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	1 U	1 U	1 U	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.246 U	0.576 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	1 U	1 U	1 U	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.3 U	0.23 U	0.23 U	0.23 U	0.15 U	0.152 U	0.152 U	0.152 U	0.152 U	0.13 U	0.465 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70		1 U	1 U	1 U	0.21 U	0.216 U	0.216 U	0.216 U	0.216 U	0.456 U	0.261 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400		1 U	1 U	1 U	0.39 U	0.392 UJ	0.392 U	0.392 U	0.392 U	0.345 U	0.844 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	8.9	12.9	12.6	83.9	142.6	60.3 J	173	157	92.2	75.3	136	39	23
HEXACHLOROBUTADIENE	87-68-3	0.4		0.55 U	0.55 U	0.55 U	0.7 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		4.42	4.2	8.83	14.77	7.96	20.6	18.8	14.6	10.6	19.9	8.49	5.15
M+P-XYLENES		NC													
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	1 U	1 U	1 U	0.23 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.336 U	0.51 J	0.36 J
METHYLENE CHLORIDE	75-09-2	5	1 U	5 U	5 U	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC		1 U	45.1	1 U	0.15 U	77.9 J	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC		10.9	10.6	1 U	28.68	18 J	50.3	55	41.9	25	67	32.6	16.7
NAPHTHALENE	**91-20-3**	**14**		176	222	343	628.4	241 J	1290	918	1570	508	742	488	951
O-XYLENE	95-47-6	NC													
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U	0.26 U	0.262 UJ	0.262 U	10.2	11.6	0.394 U	0.539 U	11.9	9.49
STYRENE	100-42-5	100	0.5 U	1 U	1 U	1 U	0.17 U	0.173 UJ	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC		1 U	1 U	1 U	0.34 U	0.347 U	0.347 U	0.347 U	0.347 U	0.418 U	0.776 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	1 U	1 U	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.67 J	1 U	1 U	3.1	3.65	0.38 J	0.49 J	0.142 U	0.5 J	0.176 U	1.3	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	78.4	1.07	10.6	975	229	566 J	3450	3260	4210	159	3290	299	96.2
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.5 U	1 U	1 U	1 U	0.23 U	0.237 UJ	0.237 U	0.237 U	0.237 U	0.254 U	0.244 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.3 U	0.2 U	0.2 U	0.2 U	0.19 U	0.192 U	0.192 U	0.192 U	0.192 U	0.224 U	0.229 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	0.5 U	1 U	1 U	1 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100		1 U	1 U	1 U	0.32 U	0.327 U	0.327 U	0.327 U	0.327 U	0.393 U	0.672 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88													
VINYL CHLORIDE	75-01-4	1	0.5 U	1 U	1 U	1 U	0.3 U	0.302 U	0.302 U	0.302 U	0.302 U	0.466 U	0.986 U	0.986 U	0.986 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC		26 U	138	2620	1870	1560	1560	3320	3960	4820	7040	1630	2600
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**		1.42	0.58	4	4.1	3.02	5.1	9.93	8.97	5.18	7.95	4.61	2.84
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC													
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC													
HYDROGEN (NM)	1333-74-0	NC		3.1	2.6		1.3	1.4	7.2	7.9	4.8	3.5	5.9	3.2	
NITRATE-N (MG/L)		10		0.011	0.0031 U	0.0031 U	0.03	0.053	0.055 U	0.019 U	0.019 U	0.019 U	0.018 J	0.0092 U	0.0092 U
NITRITE-N (MG/L)		**1**		0.0035 U	0.0035 U	0.0035 UJ	0.0035 U	0.0025 U	0.007	0.0035 U	0.0035 U	0.0035 U	0.0075 U	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10							0.05 U						
PH		NC													
SULFATE (MG/L)	14808-79-8	250		2 U	25.1	7.42	5.29	7.48	5.11	2.23	2 U	2.11	2.18	3.55	4.23
TOTAL DISSOLVED SOLIDS (MG/L)		**500**													

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3638C MW-38C_20070304 20070304	MW3638C MW-38C_20070619 20070619	MW3638C MW-38C_20070914 20070914	MW3638C MW-38C_20071211 20071211	MW3638C MW-38C_20080320 20080320	MW3638C MW-38C_20080804 20080804	MW3638C MW-38C_20080929 20080929	MW3638C OLD-36NW-MW-38C-1200 20081215	MW3638C OLD-36NW-38C-1400 20090310	MW3638C OLD-SA36NW-38C_20090603 20090603	MW3639C NTC36G39C01 20030910	MW3639C OLD-36N-39C-032304 20040323	MW3639C OLD-36N-39C-061404 20040614
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U			1 U	1 U	1 U		1 U	1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.2 U	0.2 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U			1 U	1 U	1 U		1 U	1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U			1 U	1 U	1 U		1 U	1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U			2 U	2 U	2 U		1 U	1 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U			1 U	1 U	1 U		1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	188	480	321 L	76.4	55.5			56	65.2	22.5		1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U			2 U	2 U	2 U		1 U	1 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U			1 U	1 U	1 U		1 U	1 U
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U			1 U	1 U	1 U		1 U	1 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	48	159	168	48.7	16.6			14.1	21.4	5.5		1 U	1 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U	0.51 J	0.502 U			1 U	1 U	1 U		1 U	1 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U			1 U	1 U	1 U		0.22 U	0.22 U
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U			1 U	1 U	1 U		1 U	1 U
1,4-DIOXANE	123-91-1	3.2													
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U			1 U	1 U	1 U		1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 UJ	1.64 U	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	3 I	2.5 U	1 U	1 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	1 UJ							5 U	5 U	5 U		1 U	1 U
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U			1 U	1 U	1 U		1 U	1 U
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	2.5 U	1 U	1 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U			1 U	1 U	1 U		1 U	1 U
4-ISOPROPYLTOLUENE	99-87-6	NC	2.47	10.4	3.12	2.15	0.68 J			1 U	1.2	1.1		1 U	1 U
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	2.5 U	1 U	1 U
ACETONE	67-64-1	6300	1.18 UJ	1.18 U	1.18 U	1.18 U	5.99	25 U	25 U	25 U	25 U	25 U	33.4 U	10 U	10 U
ACROLEIN	107-02-8	3.5								20 U	20 U	20 U			
ACRYLONITRILE	107-13-1	0.06								10 U	10 U	10 U			
BENZENE	**71-43-2**	**1**	0.7 J	0.54 J	0.67 I	0.52 J	0.46 J	0.67 I	0.59 I	1 U	1 U	1 U	0.5 U	1 U	1 U
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U			1 U	1 U	1 U		1 U	1 U
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U			1 U	1 U	1 U		1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.6 U	0.6 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	1.42 U	1.42 U	1.42 UJ	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	0.6 I	2 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.4 U	0.4 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	2.5	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.23 U	0.23 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U			2 U	2 U	2 U		1 U	1 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U			2 U	2 U	2 U		1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	50.3	103	89.5	29.5	6.4	15.2	15.2	5	2.7	1 U	0.5 U	1 U	1 U
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U			2 U	2 U	2 U		0.55 U	0.55 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	10.5	22.9	17.9	11.9	2.66			1.7	1 U	0.58 I		1 U	1 U
M+P-XYLENES		NC								7.6	18.3	1.4 I			
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U			1 U	1 U	1 U	0.5 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	123	0.319 U	0.319 U	0.319 U			1.7	41.6	1.1		1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	66	0.669 U	28.4	6.75			4.9	2.9	0.9 I		1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	408	373	177	79.9	101			58.1	76.9	30.3		5 U	5 U
O-XYLENE	95-47-6	NC								13.4	29.5	4.4			
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	12.5	11.8	7.37	4.68			2.6	2.8	1.4		1 U	1 U
STYRENE	100-42-5	100	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U			1 U	1 U	1 U		1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.63 J	0.55 J	0.36 I	0.257 U	0.257 U	1 U	1 U	1 U	0.47 I	1 U	0.5 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	315	549	232	88.9	25.9	115	58				1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.2 U	0.2 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U			2 U	2 U	2 U		1 U	1 U
VINYL ACETATE	108-05-4	88								10 U	10 U	10 U			
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC	6220	8200	5900	10700	4880	5610 V	5250	8980	4670	4500		26 U	26 U
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**	3.34	5.69	2.51 V	2.89	2.12	2.76	2.29	1.37	1.45	0.944		0.22 U	0.204 U
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC													
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC													
HYDROGEN (NM)	1333-74-0	NC	3.6	3.2	2.6	1.7	2.1							2.2	2.6
NITRATE-N (MG/L)		10	0.0092 UJ	0.096	0.0092 U	0.0092 U	0.0092 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.107	0.227
NITRITE-N (MG/L)		**1**	0.0075 UJ	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U		0.0035 U	0.0035 U
NITRITE/NITRATE-N (MG/L)		10													
PH		NC													
SULFATE (MG/L)	14808-79-8	250	7.43	22.6	5.29	52.9	33.7	11.9	23.4	62	36	15.8		48.2	5.92
TOTAL DISSOLVED SOLIDS (MG/L)		**500**													

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3639C MW-39C-20040912 20040912	MW3639C MW-39C-20041210 20041210	MW3639C MW-39C-20050310 20050310	MW3639C MW-39C-20050615 20050615	MW3639C MW-39C-20050913 20050913	MW3639C MW-39C_20051214 20051214	MW3639C MW-39C_20060319 20060319	MW3639C MW-39C_20060607 20060607	MW3639C MW-39C_20060915 20060915	MW3639C MW-39C-20061211 20061211	MW3639C MW-39C_20070304 20070304	MW3639C MW-39C_20070619 20070619	MW3639C MW-39C_20070914 20070914
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	1 U	0.19 U	0.199 U	0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	1 U	0.27 U	0.271 U	0.271 U	0.271 U	0.271 U	0.257 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.2 U	0.11 U	0.115 U	0.115 U	0.115 U	0.115 U	0.341 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	1 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.419 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.259 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	1 U	0.26 U	0.268 U	0.268 U	0.268 U	0.268 U	0.371 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC	1 U	0.1 U	0.104 U	0.104 U	0.104 U	0.104 U	0.358 UJ	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	0.83 U	0.837 U	0.837 U	0.837 U	0.837 U	0.219 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	1 U	0.27 U	0.277 U	0.277 U	0.277 U	0.277 U	0.174 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	1 U	0.33 U	0.333 U	0.333 U	0.333 U	0.333 U	0.357 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	1 U	0.1 U	0.103 U	0.103 U	0.103 U	0.103 U	0.103 U	0.81 J	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.619 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02	1 U	0.14 U	0.147 U	0.147 U	0.147 U	0.147 U	0.26 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600	1 U	0.15 U	0.151 U	0.151 U	0.151 U	0.151 U	0.391 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	0.08 U	0.0868 U	0.0868 U	0.0869 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	1 U	0.08 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.208 UJ	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75	1 U	0.09 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.389 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2				22.8 U	22.8 U								
2,2-DICHLOROPROPANE	594-20-7	NC	1 U	0.23 U	0.234 U	0.234 U	0.234 U	0.234 U	0.261 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	1 U	4.62 U	4.62 UJ	4.62 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ		
2-CHLOROTOLUENE	95-49-8	140	1 U	0.36 U	0.366 U	0.366 U	0.366 U	0.366 U	0.499 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	1 U	0.83 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140	1 U	0.09 U	0.0992 U	0.0992 U	0.0992 U	0.0992 U	0.18 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	1 U	0.35 U	0.354 U	0.354 U	0.354 U	0.354 U	0.468 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	10 U	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U	1.18 U
ACROLEIN	107-02-8	3.5													
ACRYLONITRILE	107-13-1	0.06													
BENZENE	**71-43-2**	**1**	1 U	0.14 U	0.143 U	0.143 U	0.143 U	0.143 U	0.14 U	0.6 J	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U
BROMOBENZENE	108-86-1	NC	1 U	0.17 U	0.175 U	0.175 U	0.175 U	0.175 U	0.344 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91	1 U	0.3 U	0.301 U	0.301 U	0.301 U	0.301 U	0.527 UJ	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	1 U	0.24 U	0.245 U	0.245 U	0.245 U	0.245 U	0.535 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	1 U	0.35 U	0.357 U	0.357 U	0.357 U	0.357 U	0.67 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.211 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
CARBON TETRACHLORIDE	56-23-5	3	1 U	0.4 U	0.406 U	0.406 U	0.406 U	0.406 U	0.67 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	0.31 U	0.316 U	0.316 U	0.315 U	0.315 U	0.511 U	1.01 U	1.01 U	1.01 UJ	1.01 U	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	1 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.246 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.23 U	0.15 U	0.152 U	0.152 U	0.152 U	0.152 U	0.13 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70	1 U	0.21 U	0.216 U	0.216 U	0.216 U	0.216 U	0.456 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	1 U	0.39 U	0.392 U	0.392 U	0.392 U	0.392 U	0.345 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	0.2 U	0.201 U	0.201 U	0.201 U	0.201 U	0.126 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U
HEXACHLOROBUTADIENE	87-68-3	0.4	0.55 U	0.7 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC													
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	1 U	0.23 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U
METHYLENE CHLORIDE	75-09-2	5	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	1 U	0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	1 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	5 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.333 U	5.17	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC													
SEC-BUTYLBENZENE	135-98-8	NC	1 U	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U
STYRENE	100-42-5	100	1 U	0.17 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC	1 U	0.34 U	0.347 U	0.347 U	0.347 U	0.347 U	0.418 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.298 U	3.24	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	1 U	0.23 U	0.237 U	0.237 U	0.237 U	0.237 U	0.254 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.2 U	0.19 U	0.192 U	0.192 U	0.192 U	0.192 U	0.224 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	1 U	0.32 U	0.327 U	0.327 U	0.327 U	0.327 U	0.393 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88													
VINYL CHLORIDE	75-01-4	1	1 U	0.3 U	0.302 U	0.302 U	0.302 U	0.302 U	0.466 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC	26 U	26 U	5 U	5 U	13.6 U	5	36	12 J	5 U	5 U	39	5 U	15 I
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**	0.21 U	0.12 J	0.018 U	0.021 J	0.018 U	0.02 U	0.018 U	0.048 J	0.018 U	0.018 U	0.018 U	0.199	0.018 V,U
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC													
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC													
HYDROGEN (NM)	1333-74-0	NC		1.2	1	6.4	4.9	3.3	3.2	2.2	3.5		3.5	2.4	3.6
NITRATE-N (MG/L)		10	0.407	0.33	0.233	0.055 U	0.053	0.019 U	0.155	0.018 J	0.036	0.473	0.875 J	0.0092 U	0.0092 U
NITRITE-N (MG/L)		**1**	0.018	0.01	0.0025 U	0.015	0.029	0.0035 U	0.024	0.0075 U	0.0075 U	0.0075 U	0.038 J	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10				0.053 J									
PH		NC													
SULFATE (MG/L)	14808-79-8	250	48.6	39.3	28	33.9	26	18.8	14.2	22.1	25.7	40.1	49.9	40	34.2
TOTAL DISSOLVED SOLIDS (MG/L)		**500**													

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3639C MW-39C_20071211 20071211	MW3639C MW-39C_20080323 20080323	MW3639C MW-39C_20080804 20080804	MW3639C MW-39C_20080930 20080930	MW3639C OLD-36NW-MW-39C-1346 20081212	MW3639C OLD-36NW-39C-1540 20090310	MW3639C OLD-SA36NW-39C_20090603 20090603	MW3640D NTC36G40D01 20030910	MW3640D NTC36G40D02 20040209	MW3640D OLD-36N-40D-032304 20040323	MW3640D OLD-36N-40D-061404 20040614	MW3641C NTC36G41C01 20030909	MW3641C NTC36G41C01-D 20030909
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U			1 U	1 U	1 U			1 U	1 U		
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	3 U	0.3 UJ	0.2 U	0.2 U	1.5 U	1.5 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U			1 U	1 U	1 U			1 U	1 U		
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U			1 U	1 U	1 U			1 U	1 U		
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U			2 U	2 U	2 U			1 U	1 U		
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U			1 U	1 U	1 U			1 U	1 U		
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U			2 U	2 U	2 U			2.93	1 U		
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U			2 U	2 U	2 U			1 U	1 U		
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U			1 U	1 U	1 U			1 U	1 U		
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U			1 U	1 U	1 U			1 U	1 U		
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U			2 U	2 U	2 U			1.3	1 U		
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U			1 U	1 U	1 U			1 U	1 U		
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U			1 U	1 U	1 U			0.22 U	0.22 U		
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U			1 U	1 U	1 U			1 U	1 U		
1,4-DIOXANE	123-91-1	3.2													
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U			1 U	1 U	1 U			1 U	1 U		
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	25 U	2.5 UJ	14.4	1 U	13 U	13 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC					5 U	5 U	5 U			1 U	1 U		
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U			1 U	1 U	1 U			1 U	1 U		
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	25 U	2.5 UJ	1 U	1 U	13 U	13 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U			1 U	1 U	1 U			1 U	1 U		
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U			1 U	1 U	1 U			1 U	1 U		
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	25 U	2.5 UJ	1 U	1 U	13 U	13 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	50 U	108 J	188	10 U	31.8 U	33.9 U
ACROLEIN	107-02-8	3.5					20 U	20 U	20 U						
ACRYLONITRILE	107-13-1	0.06					10 U	10 U	10 U						
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U	5.4 J	42.4 J	12.2	5.59	541	678
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U			1 U	1 U	1 U			1 U	1 U		
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U			1 U	1 U	1 U			1 U	1 U		
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	0.6 U	0.6 U	2.5 U	2.5 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U	10 U	1 UJ	1 U	1 U	5 U	5 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	10 U	33.8 J	57.6	7.99	5.1 J	6.6 J
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	4 U	0.4 UJ	0.4 U	0.4 U	2 U	2 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	10 U	1 UJ	1 U	1 U	5 U	5 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	5.8 J	1.1 J	1 U	1 U	9.4 J	9.6 J
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	10 U	1 UJ	1 U	1 U	5 U	5 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	3 U	0.3 UJ	0.23 U	0.23 U	1.5 U	1.5 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U			2 U	2 U	2 U			1 U	1 U		
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U			2 U	2 U	2 U			1 U	1 U		
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U	5 U	43 J	7.89	4.08	91.1	96.7
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U			2 U	2 U	2 U			0.55 U	0.55 U		
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U			1 U	1 U	1 U			1 U	1 U		
M+P-XYLENES		NC					2 U	2 U	2 U						
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.336 U			1 U	1 U	1 U	5 U	0.51 J	1 U	1 U	105	114
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	5 U	5 U	3.6 IV	5 U	5 U	10 U	1 UJ	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U			1 U	1 U	1 U			1 U	1 U		
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U			1 U	1 U	1 U			1 U	1 U		
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U			5 U	5 U	5 U			5 U	5 U		
O-XYLENE	95-47-6	NC					1 U	1 U	1 U						
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U			1 U	1 U	1 U			1 U	1 U		
STYRENE	100-42-5	100	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U			1 U	1 U	1 U			1 U	1 U		
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	5 U	0.73 J	1 U	1 U	92.6	102
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	3 U	3 U				10 U	19.5 J	4.93	1.28	187	201
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	3 U	0.3 UJ	0.2 U	0.2 U	1.5 U	1.5 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U			2 U	2 U	2 U			1 U	1 U		
VINYL ACETATE	108-05-4	88					10 U	10 U	10 U						
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	5 U	0.5 UJ	1 U	1 U	2.5 U	2.5 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC	5 U	15 U	2.84 V	0.5 U	1.1	0.72	0.47 I			26 U	26 U		
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.018 U	0.24 U	0.24 U	0.25 U	0.24 U	0.25 U			11.6	0.22 U		
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC										1360			
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC										0.1 U			
HYDROGEN (NM)	1333-74-0	NC	2.7	2.6								2.4	2.5		
NITRATE-N (MG/L)		10	0.0092 U	0.015 J	0.1 U		0.1 U	0.1 U	0.1 U			0.953	0.037		
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.1 U		2.1	0.1 U	0.1 U			0.0035 U	0.064		
NITRITE/NITRATE-N (MG/L)		10													
PH		NC										10.9			
SULFATE (MG/L)	14808-79-8	250	32.5	37.7	31	31.9	29.9	23.2	25.8			250	96.8		
TOTAL DISSOLVED SOLIDS (MG/L)		**500**										1630			

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3641C OLD-36N-41C-032304 20040323	MW3641C OLD-36N-41C-061404 20040614	MW3641C NTC36G41C05 20040901	MW3641C MW-41C-20040912 20040912	MW3641C MW-41C-20041210 20041210	MW3641C MW-41C-20050310 20050310	MW3641C MW-41C-20050615 20050615	MW3641C MW-41C-20050913 20050913	MW3641C MW-41C_20051214 20051214	MW3641C MW-41C_20060319 20060319	MW3641C MW-41C_20060606 20060606	MW3641C MW-41C_20060915 20060915	MW3641C MW-41C-20061211 20061211
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	1 U	1 U		1 U	0.19 U	0.199 U	0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	1 U	1 U	1 U	1 U	0.27 U	0.271 U	0.271 U	0.271 U	0.271 U	0.257 U	0.424 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.2 U	0.2 U	0.6 U	0.2 U	0.11 U	0.115 U	0.115 U	0.115 U	0.115 U	0.341 U	0.226 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	1 U	1 U	1 U	1 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.419 U	0.312 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	1 U	1 U	1 U	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.259 U	0.388 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	1 U	1 U	1 U	1 U	0.26 U	0.268 U	0.268 U	0.268 U	0.268 U	0.371 U	0.899 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC	1 U	1 U		1 U	0.1 U	0.104 U	0.104 U	0.104 U	0.104 U	0.358 UJ	0.404 U	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U		1 U	0.83 U	0.837 U	0.837 U	0.837 U	0.837 U	0.219 U	0.981 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	1 U	1 U		1 U	0.27 U	0.277 U	0.277 U	0.277 U	0.277 U	0.174 U	0.29 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	1 U	1 U		1 U	0.33 U	0.333 U	0.333 U	0.333 U	0.333 U	0.357 U	0.73 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	1 U	1 U		1 U	0.1 U	0.103 U	1.66 J	0.42 I	0.103 U	0.103 U	0.516 U	0.516 U	0.516 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1 U	1 U		1 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.619 U	1.63 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02	1 U	1 U		1 U	0.14 U	0.147 U	0.147 U	0.147 U	0.147 U	0.26 U	0.363 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600	1 U	1 U		1 U	0.15 U	0.151 U	0.151 U	0.151 U	0.151 U	0.391 U	0.394 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	1 U	5.1	1 U	0.08 U	0.0868 U	0.46 J	0.0869 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	1 U	1 U	1 U	1 U	0.08 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.563 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	1 U	1 U		1 U	0.17 U	0.172 U	0.65 J	0.172 U	0.172 U	0.22 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	1 U	1 U		1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.22 U	0.22 U		0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.208 UJ	0.28 U	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75	1 U	1 U		1 U	0.09 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.389 U	0.412 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2							22.8 U	22.8 U					
2,2-DICHLOROPROPANE	594-20-7	NC	1 U	1 U		1 U	0.23 U	0.234 U	0.234 U	0.234 U	0.234 U	0.261 U	0.795 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	1 U	1 U	5 U	1 U	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	1 U	1 U		1 U	4.62 U	4.62 UJ	4.62 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
2-CHLOROTOLUENE	95-49-8	140	1 U	1 U		1 U	0.36 U	0.366 U	0.366 U	0.366 U	0.366 U	0.499 U	0.661 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	1 U	1 U	5 U	1 U	0.83 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140	1 U	1 U		1 U	0.09 U	0.0992 U	0.0992 U	0.0992 U	0.0992 U	0.18 U	0.357 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U		1 U	0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U	0.303 U	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	1 U	1 U	5 U	1 U	0.35 U	0.354 U	0.354 U	0.354 U	0.354 U	0.468 U	0.323 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	10 U	10 U	12.3 U	10 U	1.29 U	1.3 U	1.3 U	1.3 U	2.46	1.3 U	1.18 U	1.18 U	1.18 U
ACROLEIN	107-02-8	3.5													
ACRYLONITRILE	107-13-1	0.06													
BENZENE	**71-43-2**	**1**	3.26	5.8	207	29.4	11.7	0.71 J	22.4	2.47	1.21 J	0.14 U	0.305 U	0.305 U	0.305 U
BROMOBENZENE	108-86-1	NC	1 U	1 U		1 U	0.17 U	0.175 U	0.175 U	0.175 U	0.175 U	0.344 U	0.536 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91	1 U	1 U		1 U	0.3 U	0.301 U	0.301 U	0.301 U	0.301 U	0.527 UJ	0.899 U	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.6 U	0.6 U	1 U	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	1 U	1 U	1 U	1 U	0.24 U	0.245 U	0.245 U	0.245 U	0.245 U	0.535 U	0.494 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	1 U	1 U	2 U	1 U	0.35 U	0.357 U	0.357 U	0.357 U	0.357 U	0.67 U	1.42 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	1 U	1 U	2 U	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.51 J	0.211 U	0.5 U	0.5 U	0.52 J
CARBON TETRACHLORIDE	56-23-5	3	1 U	1 U	1 U	1 U	0.4 U	0.406 U	0.406 U	0.406 U	0.406 U	0.67 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.4 U	0.8 U	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	1 U	2 U	1 U	0.31 U	0.316 U	0.316 U	0.315 U	0.315 U	0.511 U	1.01 U	1.01 U	1.01 UJ
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	1.77	0.554 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	1 U	1 U	2 U	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.246 U	0.576 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.23 U	0.23 U	0.6 U	0.23 U	0.15 U	0.152 U	0.152 U	0.152 U	0.152 U	0.13 U	0.465 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70	1 U	1 U		1 U	0.21 U	0.216 U	0.216 U	0.216 U	0.216 U	0.456 U	0.261 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	1 U	1 U		1 U	0.39 U	0.392 U	0.392 U	0.392 U	0.392 U	0.345 U	0.844 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	20.6	1.42	0.67 J	0.201 U	0.59 J	0.201 U	0.201 U	0.126 U	0.338 U	0.338 U	0.338 U
HEXACHLOROBUTADIENE	87-68-3	0.4	0.55 U	0.55 U		0.55 U	0.7 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U		1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC													
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	24.6	25.3	84.6	33.9	33.02	13.3	41.7	34	11.3	24.3	0.35 J	31	34.6
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	5 U	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U		1 U	0.15 U	0.159 U	0.52 J	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U		1 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U		5 U	0.18 U	0.18 U	4.19	0.18 U	0.18 U	0.333 U	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC													
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U		1 U	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	0.17 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC	1 U	1 U		1 U	0.34 U	0.347 U	0.347 U	0.347 U	0.347 U	0.418 U	0.776 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	1 U	1 U	1 U	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	1 U	28.6	1.31	0.76 J	0.22 U	1.6 J	0.38 I	0.22 U	0.298 U	0.433 U	0.433 U	0.433 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	1 U	1 U	1 U	1 U	0.23 U	0.237 U	0.237 U	0.237 U	0.237 U	0.254 U	0.244 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.2 U	0.2 U	0.6 U	0.2 U	0.19 U	0.192 U	0.192 U	0.192 U	0.192 U	0.224 U	0.229 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	1 U	1 U	1 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	1 U	1 U		1 U	0.32 U	0.327 U	0.327 U	0.327 U	0.327 U	0.393 U	0.672 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88													
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	1 U	0.3 U	0.302 U	0.302 U	0.302 U	0.302 U	0.466 U	0.986 U	0.986 U	0.986 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC	26 U	264		304	26 U	5 U	161	217	22 J	13.6 U	5 U	122	244
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**	0.21 U	0.204 U		0.21 U	0.16 J	0.018 U	0.018 J	0.018 U	0.02 U	0.018 U	0.105 J	0.018 U	0.018 U
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC													
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC													
HYDROGEN (NM)	1333-74-0	NC	2.5	2.7			1.8	1.2	3.3	4.5	8	1.9	3.3	0 J	
NITRATE-N (MG/L)		10	0.076	0.0031 U		0.0031 U	0.0031 U	0.033	0.055 U	0.019 U	0.019 U	0.144	0.0092 U	0.015 J	0.08
NITRITE-N (MG/L)		**1**	0.0035 U	0.0035 U		0.0035 U	0.0035 U	0.0025 U	0.005 U	0.0035 U	0.0035 U	0.0035 U	0.071	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10							0.05 U						
PH		NC													
SULFATE (MG/L)	14808-79-8	250	15.8	7.98		8.73	6.69	8.03	9.06	6.54	3.76	6.8	6.3	6.68	10
TOTAL DISSOLVED SOLIDS (MG/L)		**500**													

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3641C MW-41C_20070304 20070304	MW3641C MW-41C_20070619 20070619	MW3641C MW-41C_20070914 20070914	MW3641C MW-41C_20071211 20071211	MW3641C MW-41C_20080320 20080320	MW3641C MW-41C_20080804 20080804	MW3641C MW-41C_20080929 20080929	MW3641C OLD-36NW-MW-41C-1027 20081212	MW3641C OLD-36NW-41C-0905 20090311	MW3641C OLD-SA36NW-41C_20090604 20090604	MW3642C NTC36G42C01 20030910	MW3642C OLD-36N-42C-032304 20040323	MW3642C OLD-36N-42C-061404 20040614
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U			1 U	1 U	1 U		1 U	1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.2 U	0.2 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U			1 U	1 U	1 U		1 U	1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U			1 U	1 U	1 U		1 U	1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U			2 U	2 U	2 U		1 U	1 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U			1 U	1 U	1 U		1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U			2 U	2 U	2 U		1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U			2 U	2 U	2 U		1 U	1 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U			1 U	1 U	1 U		1 U	1 U
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U			1 U	1 U	1 U		1 U	1 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.4 I	0.48 I	1 U	1 U	1 U	0.5 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U			2 U	2 U	2 U		1 U	1 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U			1 U	1 U	1 U		1 U	1 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U			1 U	1 U	1 U		0.22 U	0.22 U
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U			1 U	1 U	1 U		1 U	1 U
1,4-DIOXANE	123-91-1	3.2													
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U			1 U	1 U	1 U		1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 UJ	1.64 U	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	2.5 U	1 U	1 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	1 UJ							5 U	5 U	5 U		1 U	1 U
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U			1 U	1 U	1 U		1 U	1 U
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	2.5 U	1 U	1 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U			1 U	1 U	1 U		1 U	1 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U			1 U	1 U	1 U		1 U	1 U
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	2.5 U	1 U	1 U
ACETONE	67-64-1	6300	1.18 UJ	1.18 U	1.25 I	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	5 U	10 U	10 U
ACROLEIN	107-02-8	3.5								20 U	20 U	20 U			
ACRYLONITRILE	107-13-1	0.06								10 U	10 U	10 U			
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U	2.6	1 U	1 U
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U			1 U	1 U	1 U		1 U	1 U
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U			1 U	1 U	1 U		1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	0.72 J	0.6 U	0.6 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	1.42 U	1.42 U	1.42 UJ	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	5.5	1 U	1 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.4 U	0.4 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	1.01 U	1.01 UJ	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U
CHLOROFORM	67-66-3	70	0.554 U	0.77 J	0.554 U	0.554 U	0.554 U	1 U	1 U	2.1	0.49 I	1 U	10	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.23 U	0.23 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U			2 U	2 U	2 U		1 U	1 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U			2 U	2 U	2 U		1 U	1 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U			2 U	2 U	2 U		0.55 U	0.55 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U			1 U	1 U	1 U		1 U	1 U
M+P-XYLENES		NC								2 U	2 U	2 U			
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	23.3	10.4	19.9	36.4	30.2			11.2	22.4	25.4	1.7 J	1.95	1.37
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	1.1 J	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U			1 U	1 U	1 U		1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U			1 U	1 U	1 U		1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U			5 U	5 U	5 U		5 U	5 U
O-XYLENE	95-47-6	NC								1 U	1 U	1 U			
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U			1 U	1 U	1 U		1 U	1 U
STYRENE	100-42-5	100	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U			1 U	1 U	1 U		1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	3 U	3 U				1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.2 U	0.2 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U	0.672 U	0.672 U	0.672 UJ			2 U	2 U	2 U		1 U	1 U
VINYL ACETATE	108-05-4	88								10 U	10 U	10 U			
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC	58	7 J	235	276	113	153 V	202	29.4	96.5	92.8		26 U	26 U
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.189	0.031 V,I	0.018 U	0.018 U	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U		0.22 U	0.22 U
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC													
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC													
HYDROGEN (NM)	1333-74-0	NC	1.8	3		1.8	2.1							2.9	2.6
NITRATE-N (MG/L)		10	0.18 J	0.074	0.0092 U	0.0092 U	0.16	0.1 U	0.1 U	0.13	0.12	0.1 U		0.013	0.0031 U
NITRITE-N (MG/L)		**1**	0.0075 UJ	0.175	0.0075 U	0.0075 U	0.0075 U	0.1 U	0.1 U	1.8	0.1 U	0.1 U		0.0035 U	0.0035 U
NITRITE/NITRATE-N (MG/L)		10													
PH		NC													
SULFATE (MG/L)	14808-79-8	250	8.24	8.51	5.34	7.47	9.21	14	14.2	12	7.7	7.3		2 U	10.1
TOTAL DISSOLVED SOLIDS (MG/L)		**500**													

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3642C NTC36G42C05 20040831	MW3642C MW-42C-20040912 20040912	MW3642C MW-42C-20041210 20041210	MW3642C MW-42C-20050310 20050310	MW3642C MW-42C-20050615 20050615	MW3642C MW-42C-20050912 20050912	MW3642C MW-42C_20051214 20051214	MW3642C MW-42C_20060319 20060319	MW3642C MW-42C_20060606 20060606	MW3642C MW-42C_20060915 20060915	MW3642C MW-42C-20061211 20061211	MW3642C MW-42C_20070304 20070304	MW3642C MW-42C_20070619 20070619
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		1 U	0.19 U	0.199 U	0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	1 U	0.27 U	0.271 U	0.271 U	0.271 U	0.271 U	0.257 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.3 U	0.2 U	0.11 U	0.115 U	0.115 U	0.115 U	0.115 U	0.341 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.5 U	1 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.419 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	0.5 U	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.259 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	1 U	0.26 U	0.268 U	0.268 U	0.268 U	0.268 U	0.371 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC		1 U	0.1 U	0.104 U	0.104 U	0.104 U	0.104 U	0.358 UJ	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70		1 U	0.83 U	0.837 U	0.837 U	0.837 U	0.837 U	0.219 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		1 U	0.27 U	0.277 U	0.277 U	0.277 U	0.277 U	0.174 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70		1 U	0.33 U	0.333 U	0.333 U	0.333 U	0.333 U	0.357 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		1 U	0.1 U	0.103 U	0.103 U	0.103 U	0.53 J	0.103 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		1 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.619 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02		1 U	0.14 U	0.147 U	0.147 U	0.147 U	0.147 U	0.26 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600		1 U	0.15 U	0.151 U	0.151 U	0.151 U	0.151 U	0.391 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 U	1 U	0.08 U	0.0868 U	0.0868 U	0.0868 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	0.5 U	1 U	0.08 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.24 J	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210		1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC		0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.208 UJ	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75		1 U	0.09 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.389 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2					22.8 U	22.8 U							
2,2-DICHLOROPROPANE	594-20-7	NC		1 U	0.23 U	0.234 U	0.234 U	0.234 U	0.234 U	0.261 U	0.795 U	0.795 UJ	0.795 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	2.5 U	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC		1 U	4.62 U	4.62 UJ	4.62 U	4.62 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	
2-CHLOROTOLUENE	95-49-8	140		1 U	0.36 U	0.366 U	0.366 U	0.366 U	0.366 U	0.499 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	2.5 U	1 U	0.83 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140		1 U	0.09 U	0.0992 U	0.0992 U	0.0992 U	0.0992 U	0.18 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	2.5 U	1 U	0.35 U	0.354 U	0.354 U	0.354 U	0.354 U	0.468 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	5 U	10 U	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U
ACROLEIN	107-02-8	3.5													
ACRYLONITRILE	107-13-1	0.06													
BENZENE	**71-43-2**	**1**	0.5 U	1 U	0.14 U	0.143 U	0.143 U	0.143 U	0.143 U	0.14 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U
BROMOBENZENE	108-86-1	NC		1 U	0.17 U	0.175 U	0.175 U	0.175 U	0.175 U	0.344 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91		1 U	0.3 U	0.301 U	0.301 U	0.301 U	0.301 U	0.527 UJ	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 U	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	0.5 U	1 U	0.24 U	0.245 U	0.245 U	0.245 U	0.245 U	0.535 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	1 U	1 U	0.35 U	0.357 U	0.357 U	0.357 U	0.357 U	0.67 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	1 U	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.43 J	0.211 U	0.5 U	0.64 J	0.5 U	0.5 U	0.5 UJ
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	1 U	0.4 U	0.406 U	0.406 U	0.406 U	0.406 U	0.67 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.5 U	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	1 U	0.31 U	0.316 U	0.316 U	0.316 U	0.315 U	0.511 U	1.01 U	1.01 U	1.01 UJ	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	0.5 U	1 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	2.28	0.554 U	0.554 U	0.554 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	1 U	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.246 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	1 U	0.27 U	0.278 U	0.278 U	0.46 I	0.67 J	0.369 U	0.369 U	0.38 J	0.84 J	0.77 J	0.83 J
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.3 U	0.23 U	0.15 U	0.152 U	0.152 U	0.152 U	0.152 U	0.13 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70		1 U	0.21 U	0.216 U	0.216 U	0.216 U	0.216 U	0.456 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400		1 U	0.39 U	0.392 U	0.392 U	0.392 U	0.392 U	0.345 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	1 U	0.2 U	0.201 U	0.201 U	0.201 U	0.201 U	0.126 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U
HEXACHLOROBUTADIENE	87-68-3	0.4		0.55 U	0.7 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC													
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	4.1	3.86	1.28 J	0.91 J	0.236 U	0.27 I	0.51 J	0.73 J	0.336 U	0.87 J	0.51 J	0.43 J	0.336 U
METHYLENE CHLORIDE	75-09-2	5	1 U	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC		1 U	0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC		1 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**		5 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.333 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC													
SEC-BUTYLBENZENE	135-98-8	NC		1 U	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U
STYRENE	100-42-5	100	0.5 U	1 U	0.17 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC		1 U	0.34 U	0.347 U	0.347 U	0.347 U	0.347 U	0.418 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.5 U	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.45 J	0.298 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.5 U	1 U	0.23 U	0.237 U	0.237 U	0.237 U	0.237 U	0.254 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.3 U	0.2 U	0.19 U	0.192 U	0.192 U	0.192 U	0.192 U	0.224 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	0.5 U	1 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100		1 U	0.32 U	0.327 U	0.327 U	0.327 U	0.327 U	0.393 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88													
VINYL CHLORIDE	75-01-4	1	0.5 U	1 U	0.3 U	0.302 U	0.302 U	0.302 U	0.302 U	0.466 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC		119	58	45 U	74	174	426	20 J	36	270	799	342	390
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**		0.2 U	0.19 J	0.018 U	0.018 U	0.018 U	0.02 U	0.018 U	0.116 J	0.018 U	0.018 U	0.018 U	0.152 J
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC													
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC													
HYDROGEN (NM)	1333-74-0	NC			1.5	1.2	4.5	4.3	1.7	4.5	2	2.8		1.6	2.4
NITRATE-N (MG/L)		10		0.0031 U	0.0031 U	0.014 J	0.055 U	0.019 U	0.021	0.019 U	0.118	0.028	0.053	0.0092 U	0.0092 U
NITRITE-N (MG/L)		**1**		0.0035 U	0.0035 U	0.0025 U	0.006	0.0035 U	0.013 J	0.0035 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10					0.05 U								
PH		NC													
SULFATE (MG/L)	14808-79-8	250		14.4	9.12	8.96	7.98	9.45	7.71	9.04	8.29	9.08	8.4	8.67	8.58
TOTAL DISSOLVED SOLIDS (MG/L)		**500**													

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3642C MW-42C_20070914 20070914	MW3642C MW-42C_20071211 20071211	MW3642C MW-42C_20080323 20080323	MW3642C MW-42C_20080804 20080804	MW3642C MW-42C_20080930 20080930	MW3642C OLD-36NW-MW-42C-1040 20081215	MW3642C OLD-36NW-42C-1245 20090311	MW3642C OLD-SA36NW-42C_20090604 20090604	MW3643C NTC36G43C01 20030909	MW3643C OLD-36N-43C-032304 20040323	MW3643C OLD-36N-43C-061404 20040614	MW3643C NTC36G43C05 20040831
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U	0.236 U			1 U	1 U	1 U		1 U	1 U	
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.2 U	0.2 U	1.5 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U	0.404 U			1 U	1 U	1 U		1 U	1 U	
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U	0.981 U			1 U	1 U	1 U		1 U	1 U	
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U	0.29 U			2 U	2 U	2 U		1 U	1 U	
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U	0.73 U			1 U	1 U	1 U		1 U	1 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U			2 U	2 U	2 U		1 U	1 U	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U	1.63 U			2 U	2 U	2 U		1 U	1 U	
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U	0.363 U			1 U	1 U	1 U		1 U	1 U	
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U	0.394 U			1 U	1 U	1 U		1 U	1 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U			2 U	2 U	2 U		1 U	1 U	
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U			1 U	1 U	1 U		1 U	1 U	
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U	0.28 U			1 U	1 U	1 U		0.22 U	0.22 U	
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U	0.412 U			1 U	1 U	1 U		1 U	1 U	
1,4-DIOXANE	123-91-1	3.2												
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U	0.795 U			1 U	1 U	1 U		1 U	1 U	
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	2.5 U	1 U	1 U	13 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC						5 U	5 U	5 U		1 U	1 U	
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U	0.661 U			1 U	1 U	1 U		1 U	1 U	
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	2.5 U	1 U	1 U	13 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U	0.357 U			1 U	1 U	1 U		1 U	1 U	
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U			1 U	1 U	1 U		1 U	1.35	
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	2.5 U	1 U	1 U	13 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	5 U	10 U	10 U	25 U
ACROLEIN	107-02-8	3.5						20 U	20 U	20 U				
ACRYLONITRILE	107-13-1	0.06						10 U	10 U	10 U				
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U	0.83 J	24.8	15.8	342
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U	0.536 U			1 U	1 U	1 U		1 U	1 U	
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U	0.899 U			1 U	1 U	1 U		1 U	1 U	
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	0.54 J	0.6 U	0.6 U	2.5 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	5 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	0.59 I	2 U	2.5	1 U	1 U	5 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.4 U	0.4 U	2 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	5 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	4.6	1 U	1 U	2.5 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	5 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1.22	1.49	0.48 J	1.4	1.1	1 U	0.88 I	0.6 I	0.5 U	1 U	1 U	2.5 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.23 U	0.23 U	1.5 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U	0.261 U			2 U	2 U	2 U		1 U	1 U	
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U	0.844 U			2 U	2 U	2 U		1 U	1 U	
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U	1.2 U			2 U	2 U	2 U		0.55 U	0.55 U	
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U			1 U	1 U	1 U		1 U	1 U	
M+P-XYLENES		NC						2 U	2 U	2 U				
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.37 I	0.336 U	0.336 U			1 U	1 U	1 U	21.8	19.3	12.8	98.1
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U			1 U	1 U	1 U		1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U			1 U	1 U	1 U		1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U			5 U	5 U	5 U		5 U	5 U	
O-XYLENE	95-47-6	NC						1 U	1 U	1 U				
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U			1 U	1 U	1 U		1 U	1 U	
STYRENE	100-42-5	100	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U	0.776 U			1 U	1 U	1 U		1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	0.5 U	2.92	2.36	6
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	3 U	3 U				1 U	1 U	1 U	5 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.2 U	0.2 U	1.5 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U	0.672 U			2 U	2 U	2 U		1 U	1 U	
VINYL ACETATE	108-05-4	88						10 U	10 U	10 U				
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	2.5 U
Volatile Gases (ug/L)														
METHANE	74-82-8	NC	940	1040	253	492 V	443	579	328	193		1040	3580	
Petroleum Hydrocarbons (mg/L)														
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 V,U	0.018 U	0.018 U	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U		0.22 U	0.204 U	
Miscellaneous Parameters														
ALKALINITY (MG/L)		NC										1 U		
BICARBONATE ALKALINITY (MG/L)		NC											61.8	
CARBON DIOXIDE (MG/L)	124-38-9	NC										1.3	300	
HYDROGEN (NM)	1333-74-0	NC	2.9	1.9	2							2.2	2.9	
NITRATE-N (MG/L)		10	0.0092 U	0.0092 U	0.0092 U	0.1 U		0.1 U	0.1 U	0.12		0.005	0.0031 U	
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.0075 U	0.1 U		0.057 I	0.1 U	0.1 U		0.0035 U	0.0035 U	
NITRITE/NITRATE-N (MG/L)		10												
PH		NC										5.66		
SULFATE (MG/L)	14808-79-8	250	5.06	5.25	8.4	13.9	13	8.1	7	5.9		15.8	10.2	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**										593	564	

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3643C NTC36G43C05-D 20040831	MW3643C MW-43C-20040912 20040912	MW3643C MW-43C-20041210 20041210	MW3643C MW-43C-20050310 20050310	MW3643C MW-43C-20050615 20050615	MW3643C MW-43C-20050913 20050913	MW3643C MW-43C-20050913-D 20050913	MW3643C MW-43C_20051214 20051214	MW3643C MW-43C_20060319 20060319	MW3643C MW-43C_20060606 20060606	MW3643C MW-43C_20060915 20060915	MW3643C MW-43C-20061211 20061211
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		1 U	0.19 U	0.199 U	0.199 U	0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	2.5 U	1 U	0.27 U	0.271 U	0.271 U	0.271 U	0.271 U	0.271 U	0.257 U	0.424 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	1.5 U	0.2 U	0.11 U	0.115 U	0.115 U	0.115 U	0.115 U	0.115 U	0.341 U	0.226 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	2.5 U	1 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.419 U	0.312 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	2.5 U	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.172 U	0.259 U	0.388 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	2.5 U	1 U	0.26 U	0.268 U	0.268 U	0.268 U	0.268 U	0.268 U	0.371 U	0.899 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC		1 U	0.1 U	0.104 U	0.104 U	0.104 U	0.104 U	0.104 U	0.358 UJ	0.404 U	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70		1 U	0.83 U	0.837 U	0.837 U	0.837 U	0.837 U	0.837 U	0.219 U	0.981 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		1 U	0.27 U	0.277 U	0.277 U	0.277 U	0.277 U	0.277 U	0.174 U	0.29 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70		1 U	0.33 U	0.333 U	0.333 U	0.333 U	0.333 U	0.333 U	0.357 U	0.73 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2.09	2.85	0.103 U	14.4	0.103 U	0.103 U	0.103 U	0.103 U	0.516 U	0.516 U	0.516 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		1 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.619 U	1.63 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02		1 U	0.14 U	0.147 U	0.147 U	0.147 U	0.147 U	0.147 U	0.26 U	0.363 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600		1 U	0.15 U	0.151 U	0.151 U	0.151 U	0.151 U	0.151 U	0.391 U	0.394 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	2.5 U	1 U	0.08 U	0.0868 U	0.0868 U	0.0869 U	0.0869 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	2.5 U	1 U	0.08 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.563 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		1 U	1.15 J	0.172 U	5.64	0.172 U	0.172 U	0.172 U	0.22 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210		1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC		0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.208 UJ	0.28 U	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75		1 U	0.09 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.389 U	0.412 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2					22.8 U	22.8 U	22.8 U					
2,2-DICHLOROPROPANE	594-20-7	NC		1 U	0.23 U	0.234 U	0.234 U	0.234 U	0.234 U	0.234 U	0.261 U	0.795 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	13 U	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC		1 U	4.62 U	4.62 UJ	4.62 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
2-CHLOROTOLUENE	95-49-8	140		1 U	0.36 U	0.366 U	0.366 U	0.366 U	0.366 U	0.366 U	0.499 U	0.661 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	13 U	1 U	0.83 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140		1 U	0.09 U	0.0992 U	0.0992 U	0.0992 U	0.0992 U	0.0992 U	0.18 U	0.357 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC		2.51	4.54	2.93	1.71 J	1.37 I	1.64 I	1.45 J	0.165 U	0.71 J	3.32	2.01
4-METHYL-2-PENTANONE	108-10-1	560	13 U	1 U	0.35 U	0.354 U	0.354 U	0.354 U	0.354 U	0.354 U	0.468 U	0.323 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	25 U	10 U	1.29 U	1.3 U	1.3 U	21.1	19.9	1.3 U	1.3 U	1.18 U	3.57	1.18 U
ACROLEIN	107-02-8	3.5												
ACRYLONITRILE	107-13-1	0.06												
BENZENE	**71-43-2**	**1**	351	273	277	320	257	107	112	79.2	41.8	30	27.8	20
BROMOBENZENE	108-86-1	NC		1 U	0.17 U	0.175 U	0.175 U	0.175 U	0.175 U	0.175 U	0.344 U	0.536 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91		1 U	0.3 U	0.301 U	0.301 U	0.301 U	0.301 U	0.301 U	0.527 UJ	0.899 U	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	2.5 U	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	2.5 U	1 U	0.24 U	0.245 U	0.245 U	0.245 U	0.245 U	0.245 U	0.535 U	0.494 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	5 U	1 U	0.35 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U	0.67 U	1.42 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	5 U	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.65 J	0.211 U	0.5 U	1.33	0.5 U
CARBON TETRACHLORIDE	56-23-5	3	2.5 U	1 U	0.4 U	0.406 U	0.406 U	0.406 U	0.406 U	0.406 U	0.67 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	2.5 U	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	2 U	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	5 U	1 U	0.31 U	0.316 U	0.316 U	0.315 U	0.315 U	0.315 U	0.511 U	1.01 U	1.01 U	1.01 UJ
CHLOROFORM	67-66-3	70	2.5 U	1 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U	0.7 J
CHLOROMETHANE	74-87-3	2.7	5 U	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.246 U	0.576 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	2.5 U	1 U	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.42 J	0.43 J	0.49 J	0.58 J	0.4 J
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	1.5 U	0.23 U	0.15 U	0.152 U	0.152 U	0.152 U	0.152 U	0.152 U	0.13 U	0.465 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70		1 U	0.21 U	0.216 U	0.216 U	0.216 U	0.216 U	0.216 U	0.456 U	0.261 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400		1 U	0.39 U	0.392 U	0.392 U	0.392 U	0.392 U	0.392 UJ	0.345 U	0.844 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	2.5 U	1 U	0.41 J	0.201 U	1.4 J	0.201 U	0.201 U	0.29 J	0.126 U	0.338 U	0.338 U	0.338 U
HEXACHLOROBUTADIENE	87-68-3	0.4		0.55 U	0.7 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC												
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	113	51.8	40.97	39	38.8	22.1	21.6	18.3	11.2	8.65	9.39	8.4
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC		1 U	0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC		1 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**		9.2	16.17	0.18 U	113	0.18 U	0.18 U	0.18 U	4.83	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC												
SEC-BUTYLBENZENE	135-98-8	NC		1 U	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U
STYRENE	100-42-5	100	2.5 U	1 U	0.17 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC		1 U	0.34 U	0.347 U	0.347 U	0.347 U	0.347 U	0.347 U	0.418 U	0.776 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	2.5 U	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	5.1	6.88	8.75	7.17	2.93	10.5	10.8	5.22	0.176 U	1.08	8.68	11
TOTAL XYLENES	**1330-20-7**	**20**	5 U	1 U	0.22 U	1.06 J	18.5	2.81	3.5	3.38	1.56	1.17	0.66 J	0.433 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	2.5 U	1 U	0.23 U	0.237 U	0.237 U	0.237 U	0.237 U	0.237 U	0.254 U	0.244 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	1.5 U	0.2 U	0.19 U	0.192 U	0.192 U	0.192 U	0.192 U	0.192 U	0.224 U	0.229 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	2.5 U	1 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100		1 U	0.32 U	0.327 U	0.327 U	0.327 U	0.327 U	0.327 U	0.393 U	0.672 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88												
VINYL CHLORIDE	75-01-4	1	2.5 U	1 U	0.3 U	0.302 U	0.302 U	0.302 U	0.302 U	0.302 U	0.466 U	0.986 U	0.986 U	0.986 U
Volatile Gases (ug/L)														
METHANE	74-82-8	NC		3100	1090	1070	1050	2350		1680	1670	2040	2090	1160
Petroleum Hydrocarbons (mg/L)														
TOTAL PETROLEUM HYDROCARBONS		**5**		0.21 U	0.23 J	0.018 U	0.051 J	0.141 I	0.188 I	0.229	0.14 J	0.394	0.056 J	0.269
Miscellaneous Parameters														
ALKALINITY (MG/L)		NC												
BICARBONATE ALKALINITY (MG/L)		NC												
CARBON DIOXIDE (MG/L)	124-38-9	NC												
HYDROGEN (NM)	1333-74-0	NC			1.5	1.2	4.3	25.5		1.9	4.5	7.1	19.9	
NITRATE-N (MG/L)		10		0.06	0.01	0.022	0.055 U	0.019 U		0.019 U	0.019 U	0.0092 U	0.0092 U	0.044
NITRITE-N (MG/L)		**1**		0.0035 U	0.0035 U	0.0025 U	0.009	0.0035 U		0.011 J	0.0035 U	0.014 J	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10					0.05 U							
PH		NC												
SULFATE (MG/L)	14808-79-8	250		12.7	9.32	13	15.7	7.22		11.1	15.8	10.9	7.45	16.2
TOTAL DISSOLVED SOLIDS (MG/L)		**500**												

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3643C MW-43C_20070304 20070304	MW3643C MW-43C_20070619 20070619	MW3643C MW-43C_20070914 20070914	MW3643C MW-43C_20071211 20071211	MW3643C MW-43C_20071211-D 20071211	MW3643C MW-43C_20080323 20080323	MW3643C MW-43C_20080804 20080804	MW3643C MW-43C_20080930 20080930	MW3643C OLD-36NW-MW-43C-1030 20081212	MW3643C OLD-36NW-43C-1325 20090310	MW3643C OLD-SA36NW-43C_20090603 20090603
Volatile Organics (ug/L)													
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U			1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U			1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U			1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U			2 U	2 U	2 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U			1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U			2 U	0.25 I	2 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U			2 U	2 U	2 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U			1 U	1 U	1 U
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U			1 U	1 U	1 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U			2 U	2 U	2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U			1 U	1 U	1 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U			1 U	1 U	1 U
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U			1 U	1 U	1 U
1,4-DIOXANE	123-91-1	3.2											
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U			1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 UJ	1.64 U	1.64 U	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	1 UJ								5 U	5 U	5 U
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U			1 U	1 U	1 U
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U			1 U	1 U	1 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1.49	0.33 J	0.71 I	2.03	0.303 U	1			1.7	1.2	0.49 I
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U
ACETONE	67-64-1	6300	1.18 UJ	1.18 U	2.36	1.18 U	1.18 U	2.26	25 U	25 U	25 U	25 U	25 U
ACROLEIN	107-02-8	3.5									20 U	20 U	20 U
ACRYLONITRILE	107-13-1	0.06									10 U	10 U	10 U
BENZENE	**71-43-2**	**1**	5.29	2.96	1.36	2.57	3.4	0.68 J	0.43 I	1 U	0.7 I	1 U	1 U
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U			1 U	1 U	1 U
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U			1 U	1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.54 J	0.369 U	0.66 I	0.53 J	0.369 U	0.369 U	0.45 I	0.46 I	0.59 I	0.48 I	0.35 I
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U			2 U	2 U	2 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U			2 U	2 U	2 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U			2 U	2 U	2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U			1 U	1 U	1 U
M+P-XYLENES		NC									2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	1.24	3.71	0.79 I	6.94	0.336 U	0.79 J			4.7	3.5	0.49 I
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U			1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U			5 U	5 U	5 U
O-XYLENE	95-47-6	NC									1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U			1 U	1 U	1 U
STYRENE	100-42-5	100	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U			1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	3.18	0.55 J	2.12	2.24	0.257 U	1.74	0.57 I	1.5	2.3	0.93 I	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	3 U	3 U			
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	0.574 U	1.33	0.574 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U			2 U	2 U	2 U
VINYL ACETATE	108-05-4	88									10 U	10 U	10 U
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)													
METHANE	74-82-8	NC	901	467	1900	1200		1350	643 V	836	1850	1540	668
Petroleum Hydrocarbons (mg/L)													
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.236	0.134 V,I	0.093 J	0.018 U	0.032 J	0.317	0.514	0.469	0.438	0.258
Miscellaneous Parameters													
ALKALINITY (MG/L)		NC											
BICARBONATE ALKALINITY (MG/L)		NC											
CARBON DIOXIDE (MG/L)	124-38-9	NC											
HYDROGEN (NM)	1333-74-0	NC	6.7	4.2	7.7	9.9		8.1					
NITRATE-N (MG/L)		10	0.0092 UJ	0.0092 U	0.0092 U	0.025		0.049	0.1 U	0.1 U	0.1 U	0.1 U	0.1
NITRITE-N (MG/L)		**1**	0.026 J	0.0075 U	0.0075 U	0.0075 U		0.0075 U	0.1 U	0.1 U	1.9	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10											
PH		NC											
SULFATE (MG/L)	14808-79-8	250	17.2	18.1	5.62	10.3		13.9	14.2	13.6	11.2	6.2	5.3
TOTAL DISSOLVED SOLIDS (MG/L)		**500**											

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3644C NTC36G44C01 20030909	MW3644C OLD-36N-44C-032304 20040323	MW3644C OLD-36N-44C-061404 20040614	MW3644C MW-44C-20040912 20040912	MW3644C MW-44C-20041210 20041210	MW3644C MW-44C-20050310 20050310	MW3644C MW-44C-20050615 20050615	MW3644C MW-44C-20050912 20050912	MW3644C MW-44C_20051214 20051214	MW3644C MW-44C_20060319 20060319	MW3644C MW-44C_20060607 20060607	MW3644C MW-44C_20060915 20060915
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		1 U	1 U	1 U	0.19 U	0.199 U	0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	1 U	1 U	1 U	0.27 U	0.271 U	0.271 U	0.271 U	0.271 U	0.257 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.3 U	0.2 U	0.2 U	0.2 U	0.11 U	0.115 U	0.115 U	0.115 U	0.115 U	0.341 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.5 U	1 U	1 U	1 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.419 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	0.5 U	1 U	1 U	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.259 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	1 U	1 U	1 U	0.26 U	0.268 U	0.268 U	0.268 U	0.268 U	0.371 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC		1 U	1 U	1 U	0.1 U	0.104 U	0.104 U	0.104 U	0.104 U	0.358 UJ	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70		1 U	1 U	1 U	0.83 U	0.837 U	0.837 U	0.837 U	0.837 U	0.219 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		1 U	1 U	1 U	0.27 U	0.277 U	0.277 U	0.277 U	0.277 U	0.174 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70		1 U	1 U	1 U	0.33 U	0.333 U	0.333 U	0.333 U	0.333 U	0.357 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		1 U	1 U	1 U	0.56 J	0.103 U	0.103 U	0.103 U	0.103 U	0.103 U	0.516 U	0.516 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		1 U	1 U	1 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.619 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02		1 U	1 U	1 U	0.14 U	0.147 U	0.147 U	0.147 U	0.147 U	0.26 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600		1 U	1 U	1 U	0.15 U	0.151 U	0.151 U	0.151 U	0.151 U	0.391 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 U	1 U	1 U	1 U	0.08 U	0.0868 U	0.0868 U	0.0868 U	0.0869 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	0.5 U	1 U	1 U	1 U	0.08 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		1 U	1 U	1 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.22 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC		0.22 U	0.22 U	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.208 UJ	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75		1 U	1 U	1 U	0.09 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.389 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2							22.8 U	22.8 U				
2,2-DICHLOROPROPANE	594-20-7	NC		1 U	1 U	1 U	0.23 U	0.234 U	0.234 U	0.234 U	0.234 U	0.261 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	2.5 U	1 U	1 U	1 UJ	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC		1 U	1 U	1 U	4.62 U	4.62 UJ	4.62 U	4.62 U	1 U	1 U	1 U	1 UJ
2-CHLOROTOLUENE	95-49-8	140		1 U	1 U	1 U	0.36 U	0.366 U	0.366 U	0.366 U	0.366 U	0.499 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	2.5 U	1 U	1 U	1 U	0.83 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140		1 U	1 U	1 U	0.09 U	0.0992 U	0.0992 U	0.0992 U	0.0992 U	0.18 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U	0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	2.5 U	1 U	1 U	1 U	0.35 U	0.354 U	0.354 U	0.354 U	0.354 U	0.468 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	5 U	10 U	10 U	10 U	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U
ACROLEIN	107-02-8	3.5												
ACRYLONITRILE	107-13-1	0.06												
BENZENE	**71-43-2**	**1**	0.5 U	1 U	1 U	1 U	0.14 U	0.143 U	0.143 U	0.143 U	0.143 U	12.3	0.305 U	0.305 U
BROMOBENZENE	108-86-1	NC		1 U	1 U	1 U	0.17 U	0.175 U	0.175 U	0.175 U	0.175 U	0.344 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91		1 U	1 U	1 U	0.3 U	0.301 U	0.301 U	0.301 U	0.301 U	0.527 UJ	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 U	0.6 U	0.6 U	0.6 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	0.5 U	1 U	1 U	1 U	0.24 U	0.245 U	0.245 U	0.245 U	0.245 U	0.535 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	1 U	1 U	1 U	1 U	0.35 U	0.357 U	0.357 U	0.357 U	0.357 U	0.67 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	1 U	1 U	1 U	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.211 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	1 U	1 U	1 U	0.4 U	0.406 U	0.406 U	0.406 U	0.406 U	0.67 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.5 U	1 U	1 U	1 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.4 U	0.4 U	0.4 U	0.4 U	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	1 U	1 U	1 U	0.31 U	0.316 U	0.316 U	0.316 U	0.315 U	0.511 U	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	2.3	1 U	1 U	1 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	1 U	1 U	1 U	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.246 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.6 J	1 U	1 U	1 U	0.27 U	0.278 U	0.278 U	0.278 U	0.41 J	0.369 U	0.43 J	0.369 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.3 U	0.23 U	0.23 U	0.23 U	0.15 U	0.152 U	0.152 U	0.152 U	0.152 U	0.13 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70		1 U	1 U	1 U	0.21 U	0.216 U	0.216 U	0.216 U	0.216 U	0.456 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400		1 U	1 U	1 U	0.39 U	0.392 U	0.392 U	0.392 U	0.392 U	0.345 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	1 U	1 U	1 U	0.37 J	0.201 U	0.201 U	0.201 U	0.201 U	0.41 J	0.338 U	0.338 U
HEXACHLOROBUTADIENE	87-68-3	0.4		0.55 U	0.55 U	0.55 U	0.7 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U
M+P-XYLENES		NC												
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	1 U	1 U	1 U	0.23 U	0.236 U	0.236 U	0.236 U	0.236 U	0.43 J	0.336 U	0.336 U
METHYLENE CHLORIDE	75-09-2	5	1 U	5 U	5 U	5 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U	0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.333 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC												
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U
STYRENE	100-42-5	100	0.5 U	1 U	1 U	1 U	0.17 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC		1 U	1 U	1 U	0.34 U	0.347 U	0.347 U	0.347 U	0.347 U	0.418 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	4.8	1.1	1 U	1 UJ	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.5 U	1 U	1 U	1 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	1 U	1 U	1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.298 U	0.433 U	0.433 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.5 U	1 U	1 U	1 U	0.23 U	0.237 U	0.237 U	0.237 U	0.237 U	0.254 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.3 U	0.2 U	0.2 U	0.2 U	0.19 U	0.192 U	0.192 U	0.192 U	0.192 U	0.224 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	4.8	1.9	1.54	1.68	1.7 J	1.52 J	1.61 J	1.28 I	1.48 J	1.2	1.56	1.64
TRICHLOROFLUOROMETHANE	75-69-4	2100		1 U	1 U	1 U	0.32 U	0.327 U	0.327 U	0.327 U	0.327 U	0.393 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88												
VINYL CHLORIDE	75-01-4	1	0.5 U	1 U	1 U	1 U	0.3 U	0.302 U	0.302 U	0.302 U	0.302 U	0.466 U	0.986 U	0.986 U
Volatile Gases (ug/L)														
METHANE	74-82-8	NC		77	411	487	106	164	310	260	193	98	307	131
Petroleum Hydrocarbons (mg/L)														
TOTAL PETROLEUM HYDROCARBONS		**5**		0.23 U	0.203 U	0.2 U	0.13 J	0.018 U	0.018 U	0.018 U	0.02 U	0.018 U	0.085 J	0.018 U
Miscellaneous Parameters														
ALKALINITY (MG/L)		NC												
BICARBONATE ALKALINITY (MG/L)		NC												
CARBON DIOXIDE (MG/L)	124-38-9	NC												
HYDROGEN (NM)	1333-74-0	NC		4.1	2.8		1.9	1.3	2.9	5.2	1.6	1.9	2.4	2.2
NITRATE-N (MG/L)		10		0.009	0.0031 U	0.0031 U	0.0031 U	0.0049 U	0.055 U	0.019 U	0.019 U	0.019 U	0.013 J	0.0092 U
NITRITE-N (MG/L)		**1**		0.0035 U	0.0035 U	0.0035 U	0.0035 U	0.0025 U	0.008	0.0035 U	0.013 J	0.0035 U	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10							0.05 U					
PH		NC												
SULFATE (MG/L)	14808-79-8	250		2.56	2.67	2 U	3.38	4.19	4.35	2.21	3.44	4.67	6.14	4.13
TOTAL DISSOLVED SOLIDS (MG/L)		**500**												

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3644C MW-44C-20061211 20061211	MW3644C MW-44C_20070304 20070304	MW3644C MW-44C_20070619 20070619	MW3644C NTC36G44C061907 20070619	MW3644C MW-44C_20070914 20070914	MW3644C MW-44C_20071211 20071211	MW3644C MW-44C_20080323 20080323	MW3644C MW-44C_20080805 20080805	MW3644C MW-44C_20080930 20080930	MW3644C OLD-36NW-MW-44C-1216 20081215	MW3644C OLD-36NW-44C-1045 20090311	MW3644C OLD-SA36NW-44C_20090604 20090604
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U	0.236 U		0.236 U	0.236 U	0.236 U			1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	0.424 U	0.5 U	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	0.226 U	0.4 U	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	0.312 U	0.5 U	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	0.388 U	0.5 U	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	0.899 U	0.5 U	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U	0.404 U		0.404 U	0.404 U	0.404 U			1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U	0.981 U		0.981 U	0.981 U	0.981 U			1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U	0.29 U		0.29 U	0.29 U	0.29 U			2 U	2 U	2 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U	0.73 U		0.73 U	0.73 U	0.73 U			1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U		0.516 U	0.516 U	0.516 U			2 U	2 U	2 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U	1.63 U		1.63 U	1.63 U	1.63 U			2 U	2 U	2 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U	0.363 U		0.363 U	0.363 U	0.363 U			1 U	1 U	1 U
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U	0.394 U		0.394 U	0.394 U	0.394 U			1 U	1 U	1 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.5 U	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	0.563 U	0.5 U	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U		0.416 U	0.416 U	0.416 U			2 U	2 U	2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U		0.502 U	0.502 U	0.502 U			1 U	1 U	1 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U	0.28 U		0.28 U	0.28 U	0.28 U			1 U	1 U	1 U
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U	0.412 U		0.412 U	0.412 U	0.412 U			1 U	1 U	1 U
1,4-DIOXANE	123-91-1	3.2												
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U	0.795 U		0.795 U	0.795 U	0.795 U			1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 UJ	1.64 U	2.5 U	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	1 UJ	1 UJ								5 U	5 U	5 U
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U	0.661 U		0.661 U	0.661 U	0.661 U			1 U	1 U	1 U
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	0.935 U	2.5 U	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U	0.357 U		0.357 U	0.357 U	0.357 U			1 U	1 U	1 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U		0.303 U	0.303 U	0.303 U			1 U	1 U	1 U
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	0.323 U	2.5 U	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U
ACETONE	67-64-1	6300	1.18 U	1.18 UJ	1.18 U	5 U	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U
ACROLEIN	107-02-8	3.5										20 U	20 U	20 U
ACRYLONITRILE	107-13-1	0.06										10 U	10 U	10 U
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	0.305 U	0.5 U	0.305 U	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U	0.536 U		0.536 U	0.536 U	0.536 U			1 U	1 U	1 U
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U	0.899 U		0.899 U	0.899 U	0.899 U			1 U	1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.5 U	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	0.494 U	0.5 U	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	1.42 U	1 U	1.42 U	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 UJ	1 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	0.83 I	2 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.5 U	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.4 U	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	11.9 J	1.01 U	1.01 U	1 U	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	0.5 U	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	0.576 U	1 U	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.46 J	0.52 J	0.369 U	0.5 U	0.6 I	0.62 J	0.369 U	0.47 I	0.41 I	0.31 I	0.4 I	1 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	0.465 U	0.3 U	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U	0.261 U		0.261 U	0.261 U	0.261 U			2 U	2 U	2 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U	0.844 U		0.844 U	0.844 U	0.844 U			2 U	2 U	2 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	0.5 U	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U	1.2 U		1.2 U	1.2 U	1.2 U			2 U	2 U	2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U		0.365 U	0.365 U	0.365 U			1 U	1 U	1 U
M+P-XYLENES		NC										2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.336 U	0.336 U	0.5 U	0.336 U	0.336 U	0.336 U			1 U	1 U	1 U
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	1 U	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U		0.319 U	0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U		0.669 U	0.669 U	0.669 U			1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U	1 U	0.452 U	0.452 U	0.452 U			5 U	1.5 I	5 U
O-XYLENE	95-47-6	NC										1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U		0.539 U	0.539 U	0.539 U			1 U	1 U	1 U
STYRENE	100-42-5	100	0.203 U	0.203 U	0.203 U	0.5 U	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U	0.776 U		0.776 U	0.776 U	0.776 U			1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.5 U	0.381 U	0.381 U	0.381 U	0.23 I	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	0.5 U	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	1 U	0.433 U	0.433 U	0.433 U	3 U	3 U			
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	0.244 U	0.5 U	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	0.229 U	0.3 U	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	**79-01-6**	**3**	1.33	1.68	1.56	1.4	1.84	2.28	1.68	1.8	1.7	1.7	1.8	2
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U	0.672 U		0.672 U	0.672 U	0.672 U			2 U	2 U	2 U
VINYL ACETATE	108-05-4	88										10 U	10 U	10 U
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	0.986 U	0.5 U	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)														
METHANE	74-82-8	NC	271	145	164		242	239	170	206 V	173	8.56	104	151
Petroleum Hydrocarbons (mg/L)														
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.018 U	0.129 J	0.17 U	0.018 V,U	0.018 U	0.083 J	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U
Miscellaneous Parameters														
ALKALINITY (MG/L)		NC												
BICARBONATE ALKALINITY (MG/L)		NC												
CARBON DIOXIDE (MG/L)	124-38-9	NC												
HYDROGEN (NM)	1333-74-0	NC		1.5	2.6		3	1.8	2.2					
NITRATE-N (MG/L)		10	0.01 J	0.0092 UJ	0.0092 U		0.0092 U	0.0092 U	0.0092 U	0.1 U		0.1 U	0.1 U	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 UJ	0.0075 U		0.0075 U	0.0075 U	0.0075 U	0.1 U		0.1 U	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10												
PH		NC												
SULFATE (MG/L)	14808-79-8	250	7.42	8.28	9.65		6.74	7.91	11.5	19.5	20.5	17.5	18.5	14.7
TOTAL DISSOLVED SOLIDS (MG/L)		**500**												

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3645C NTC36G45C05 20040901	MW3645C MW-45C-20041210 20041210	MW3645C MW-45C-20050310 20050310	MW3645C MW-45C-20050615 20050615	MW3645C MW-45C-20050912 20050912	MW3645C MW-45C_20051214 20051214	MW3645C MW-45C_20060319 20060319	MW3645C MW-45C_20060607 20060607	MW3645C MW-45C_20060915 20060915	MW3645C MW-45C-20061211 20061211	MW3645C MW-45C_20070304 20070304	MW3645C MW-45C_20070619 20070619
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		0.19 U	0.199 U	0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	0.27 U	0.271 U	0.271 U	0.271 U	0.271 U	0.257 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.3 U	0.11 U	0.115 U	0.115 U	0.115 U	0.115 U	0.341 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.5 U	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.419 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	0.5 U	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.259 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	0.26 U	0.268 U	0.268 U	0.268 U	0.268 U	0.371 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC		0.1 U	0.104 U	0.104 U	0.104 U	0.104 U	0.358 UJ	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70		0.83 U	0.837 U	0.837 U	0.837 U	0.837 U	0.219 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		0.27 U	0.277 U	0.277 U	0.277 U	0.277 U	0.174 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70		0.33 U	0.333 U	0.333 U	0.333 U	0.333 U	0.357 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		0.1 U	0.103 U	0.103 U	0.103 U	0.103 U	0.103 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.619 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02		0.14 U	0.147 U	0.147 U	0.147 U	0.147 U	0.26 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600		0.15 U	0.151 U	0.151 U	0.151 U	0.151 U	0.391 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.5 U	0.08 U	0.0868 U	0.0868 U	0.0868 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	0.5 U	0.08 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**		0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210		0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.208 UJ	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75		0.09 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.389 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2				22.8 U	22.8 U							
2,2-DICHLOROPROPANE	594-20-7	NC		0.23 U	0.234 U	0.234 U	0.234 U	0.234 U	0.261 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	2.5 U	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC		4.62 U	4.62 UJ	4.62 U	4.62 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	
2-CHLOROTOLUENE	95-49-8	140		0.36 U	0.366 U	0.366 U	0.366 U	0.366 U	0.499 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	2.5 U	0.83 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140		0.09 U	0.0992 U	0.0992 U	0.0992 U	0.0992 U	0.18 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC		0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	2.5 U	0.35 U	0.354 U	0.354 U	0.354 U	0.354 U	0.468 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	6.3 U	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U
ACROLEIN	107-02-8	3.5												
ACRYLONITRILE	107-13-1	0.06												
BENZENE	**71-43-2**	**1**	0.5 U	0.14 U	0.143 U	0.143 U	0.143 U	3.21	0.14 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U
BROMOBENZENE	108-86-1	NC		0.17 U	0.175 U	0.175 U	0.175 U	0.175 U	0.344 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91		0.3 U	0.301 U	0.301 U	0.301 U	0.301 U	0.527 UJ	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.5 U	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	0.5 U	0.24 U	0.245 U	0.245 U	0.245 U	0.245 U	0.535 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	1 U	0.35 U	0.357 U	0.357 U	0.357 U	0.357 U	0.67 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	1 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.211 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.4 U	0.406 U	0.406 U	0.406 U	0.406 U	0.67 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.5 U	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	2	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	1 U	0.31 U	0.316 U	0.316 U	0.316 U	0.315 U	0.511 U	1.01 U	1.01 U	2.16 J	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	0.5 U	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.246 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.3 U	0.15 U	0.152 U	0.152 U	0.152 U	0.152 U	0.13 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70		0.21 U	0.216 U	0.216 U	0.216 U	0.216 U	0.456 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400		0.39 U	0.392 U	0.392 U	0.392 U	0.392 U	0.345 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	0.2 U	0.201 U	0.201 U	0.201 U	0.201 U	0.126 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U
HEXACHLOROBUTADIENE	87-68-3	0.4		0.7 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC												
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	0.86 J	0.38 J	1.17 J	0.96 I	1.02 J	0.7 J	0.77 J	0.6 J	0.62 J	0.65 J	0.53 J
METHYLENE CHLORIDE	75-09-2	5	1 U	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC		0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC		0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**		0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.333 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC												
SEC-BUTYLBENZENE	135-98-8	NC		0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U
STYRENE	100-42-5	100	0.5 U	0.17 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC		0.34 U	0.347 U	0.347 U	0.347 U	0.347 U	0.418 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.5 U	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.298 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.5 U	0.23 U	0.237 U	0.237 U	0.237 U	0.237 U	0.254 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.3 U	0.19 U	0.192 U	0.192 U	0.192 U	0.192 U	0.224 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	0.5 U	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100		0.32 U	0.327 U	0.327 U	0.327 U	0.327 U	0.393 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88												
VINYL CHLORIDE	75-01-4	1	0.5 U	0.3 U	0.302 U	0.302 U	0.302 U	0.302 U	0.466 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U
Volatile Gases (ug/L)														
METHANE	74-82-8	NC		26 U	5 U	5 U	13.6 U	5	13.6 U	5 U	5 U	5 U	5 U	5 U
Petroleum Hydrocarbons (mg/L)														
TOTAL PETROLEUM HYDROCARBONS		**5**		0.09 J	0.018 U	0.018 U	0.018 U	0.02 U	0.018 U	0.101 J	0.018 U	0.018 U	0.018 U	0.129 J
Miscellaneous Parameters														
ALKALINITY (MG/L)		NC												
BICARBONATE ALKALINITY (MG/L)		NC												
CARBON DIOXIDE (MG/L)	124-38-9	NC												
HYDROGEN (NM)	1333-74-0	NC		3.4	1.3	4.1	6.8	2.1	1.5	2.1	2.2		1.5	4.9
NITRATE-N (MG/L)		10		0.0031 U	0.133	0.055 U	0.019 U	0.094	0.192	0.064 J	0.093	0.325	0.249	0.0092 U
NITRITE-N (MG/L)		**1**		0.0035 U	0.0025 U	0.005	0.0035 U	0.043	0.0035 U	0.023	0.0075 U	0.0075 U	0.0075 U	0.0075 U
NITRITE/NITRATE-N (MG/L)		10				0.05 U								
PH		NC												
SULFATE (MG/L)	14808-79-8	250		19.4	16.5	18	17.7	19	19.9	21	18.4	31.4	27.7	31
TOTAL DISSOLVED SOLIDS (MG/L)		**500**												

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3645C MW-45C_20070914 20070914	MW3645C MW-45C_20071211 20071211	MW3645C MW-45C_20080320 20080320	MW3645C MW-45C_20080805 20080805	MW3645C MW-45C_20080805-D 20080805	MW3645C MW-45C_20080930 20080930	MW3645C MW-45C_20080930-D 20080930	MW3645C OLD-36NW-MW-45C-1042 20081215	MW3645C OLD-36NW-45C-1515 20090310	MW3645C OLD-36NW-45C-1515-D 20090310	MW3645C OLD-SA36NW-45C_20090604 20090604	MW3646D NTC36G46D05 20040901
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U	0.236 U					1 U	1 U	1 U	1 U	
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U	0.404 U					1 U	1 U	1 U	1 U	
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U	0.981 U					1 U	1 U	1 U	1 U	
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U	0.29 U					2 U	2 U	2 U	2 U	
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U	0.73 U					1 U	1 U	1 U	1 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U	0.516 U					2 U	2 U	2 U	2 U	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U	1.63 U					2 U	2 U	2 U	2 U	
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U	0.363 U					1 U	1 U	1 U	1 U	
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U	0.394 U					1 U	1 U	1 U	1 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U	0.416 U					2 U	2 U	2 U	2 U	
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U					1 U	1 U	1 U	1 U	
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U	0.28 U					1 U	1 U	1 U	1 U	
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U	0.412 U					1 U	1 U	1 U	1 U	
1,4-DIOXANE	123-91-1	3.2												
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U	0.795 U					1 U	1 U	1 U	1 U	
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC								5 U	5 U	5 U	5 U	
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U	0.661 U					1 U	1 U	1 U	1 U	
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.5 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U	0.357 U					1 U	1 U	1 U	1 U	
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U					1 U	1 U	1 U	1 U	
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U
ACROLEIN	107-02-8	3.5								20 U	20 U	20 U	20 U	
ACRYLONITRILE	107-13-1	0.06								10 U	10 U	10 U	10 U	
BENZENE	**71-43-2**	1	0.305 U	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U	0.536 U					1 U	1 U	1 U	1 U	
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U	0.899 U					1 U	1 U	1 U	1 U	
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.58 J
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	1.42 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.4
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U	0.261 U					2 U	2 U	2 U	2 U	
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U	0.844 U					2 U	2 U	2 U	2 U	
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U	1.2 U					2 U	2 U	2 U	2 U	
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U	0.365 U					1 U	1 U	1 U	1 U	
M+P-XYLENES		NC								2 U	2 U	2 U	2 U	
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.57 I	0.35 J	0.336 U					1 U	1 U	1 U	1 U	0.5 U
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U					1 U	1 U	1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U	0.669 U					1 U	1 U	1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U	0.452 U					5 U	5 U	5 U	5 U	
O-XYLENE	95-47-6	NC								1 U	1 U	1 U	1 U	
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U	0.539 U					1 U	1 U	1 U	1 U	
STYRENE	100-42-5	100	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U	0.776 U					1 U	1 U	1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	0.433 U	3 U	3 U	3 U	3 U					1 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U	0.672 U					2 U	2 U	2 U	2 U	
VINYL ACETATE	108-05-4	88								10 U	10 U	10 U	10 U	
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
Volatile Gases (ug/L)														
METHANE	74-82-8	NC	5 U	5 U	15 U	3.65 V		4.66		6.87	3.82		1.75	
Petroleum Hydrocarbons (mg/L)														
TOTAL PETROLEUM HYDROCARBONS		**5**	0.039 V,I	0.018 U	0.018 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	
Miscellaneous Parameters														
ALKALINITY (MG/L)		NC												
BICARBONATE ALKALINITY (MG/L)		NC												
CARBON DIOXIDE (MG/L)	124-38-9	NC												
HYDROGEN (NM)	1333-74-0	NC	2.9	1.5	1.7									
NITRATE-N (MG/L)		10	0.0092 U	0.068	0.207	0.1 U		0.1 U		0.1 U	0.1 U		0.2	
NITRITE-N (MG/L)		1	0.0075 U	0.0075 U	0.0075 U	0.1 U		0.1 U		0.16	0.1 U		0.1 U	
NITRITE/NITRATE-N (MG/L)		10												
PH		NC												
SULFATE (MG/L)	14808-79-8	250	27.9	29.4	36.6	32.3		34.7		28	28.3		13.6	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**												

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3646D MW-46D-20041210 20041210	MW3646D MW-46D-20050310 20050310	MW3646D MW-46D-20050615 20050618	MW3646D MW-46D-20050913 20050913	MW3646D MW-46D_20051214 20051214	MW3646D MW-46D_20060319 20060319	MW3646D MW-46D_20060606 20060606	MW3646D MW-46D_20060915 20060915	MW3646D MW-46D-20061211 20061211	MW3646D MW-46D_20070304 20070304	MW3646D MW-46D_20070619 20070619	MW3646D MW-46D_20070914 20070914
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.19 U	0.199 U	0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.27 U	0.271 U	0.271 U	0.271 U	0.271 U	0.257 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.11 U	0.115 U	0.115 U	0.115 U	0.115 U	0.341 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.3 U	0.31 U	0.31 U	0.31 U	0.31 U	0.419 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.259 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	0.26 U	0.268 U	0.268 U	0.268 U	0.268 U	0.371 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.1 U	0.104 U	0.104 U	0.104 U	0.104 U	0.358 UJ	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.83 U	0.837 U	0.837 U	0.837 U	0.837 U	0.219 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.27 U	0.277 U	0.277 U	0.277 U	0.277 U	0.174 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.33 U	0.333 U	0.333 U	0.333 U	0.333 U	0.357 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.55 J	0.103 U	0.103 U	0.103 U	0.103 U	0.103 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.619 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.14 U	0.147 U	0.147 U	0.147 U	0.147 U	0.26 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600	0.15 U	0.151 U	0.151 U	0.151 U	0.151 U	0.391 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.08 U	0.0868 U	0.0868 U	0.0869 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	0.08 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.17 U	0.172 U	0.172 U	0.172 U	0.172 U	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U
1,3-DICHLOROBENZENE	541-73-1	210	0.07 U	0.0785 U	0.0785 U	0.0785 U	0.0785 U	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.208 UJ	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75	0.09 U	0.0975 U	0.0975 U	0.0975 U	0.0975 U	0.389 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2			22.8 U	22.8 U								
2,2-DICHLOROPROPANE	594-20-7	NC	0.23 U	0.234 U	0.234 U	0.234 U	0.234 U	0.261 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	0.72 U	0.729 U	0.729 U	0.729 U	0.729 U	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	4.62 U	4.62 UJ	4.62 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ		
2-CHLOROTOLUENE	95-49-8	140	0.36 U	0.366 U	0.366 U	0.366 U	0.366 U	0.499 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	0.83 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140	0.09 U	0.0992 U	0.0992 U	0.0992 U	0.0992 U	0.18 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.17 U	0.176 U	0.176 U	0.176 U	0.176 U	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	0.35 U	0.354 U	0.354 U	0.354 U	0.354 U	0.468 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	1.29 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U	1.18 U
ACROLEIN	107-02-8	3.5												
ACRYLONITRILE	107-13-1	0.06												
BENZENE	**71-43-2**	**1**	0.14 U	0.143 U	0.143 U	0.143 U	0.143 U	0.14 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U	0.305 U
BROMOBENZENE	108-86-1	NC	0.17 U	0.175 U	0.175 U	0.175 U	0.175 U	0.344 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91	0.3 U	0.301 U	0.301 U	0.301 U	0.301 U	0.527 UJ	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.18 U	0.184 U	0.184 U	0.184 U	0.184 U	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	0.24 U	0.245 U	0.245 U	0.245 U	0.245 U	0.535 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	0.35 U	0.357 U	0.357 U	0.357 U	0.357 U	0.67 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	2	0.14 U	0.14 U	0.14 U	0.55 J	0.211 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
CARBON TETRACHLORIDE	56-23-5	3	0.4 U	0.406 U	0.406 U	0.406 U	0.406 U	0.67 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	0.1 U	0.105 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.15 U	0.157 U	0.157 U	0.157 U	0.157 U	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	0.31 U	0.316 U	0.316 U	0.315 U	0.315 U	0.511 U	1.01 U	1.01 U	1.01 UJ	1.01 U	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	0.11 U	0.111 U	0.111 U	0.111 U	0.111 U	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.246 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.27 U	0.278 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.15 U	0.152 U	0.152 U	0.152 U	0.152 U	0.13 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70	0.21 U	0.216 U	0.216 U	0.216 U	0.216 U	0.456 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.39 U	0.392 U	0.392 U	0.392 U	0.392 U	0.345 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	0.2 U	0.201 U	0.201 U	0.201 U	0.201 U	0.126 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U
HEXACHLOROBUTADIENE	87-68-3	0.4	0.7 U	0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U
M+P-XYLENES		NC												
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.23 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U	0.336 U
METHYLENE CHLORIDE	75-09-2	5	0.17 UJ	0.174 U	0.174 U	0.174 U	0.174 U	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	0.15 U	0.159 U	0.159 U	0.159 U	0.159 U	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U
NAPHTHALENE	**91-20-3**	**14**	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.333 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U
O-XYLENE	95-47-6	NC												
SEC-BUTYLBENZENE	135-98-8	NC	0.26 U	0.262 U	0.262 U	0.262 U	0.262 U	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U
STYRENE	100-42-5	100	0.17 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC	0.34 U	0.347 U	0.347 U	0.347 U	0.347 U	0.418 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.24 U	0.242 U	0.242 U	0.242 U	0.242 U	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	0.14 U	0.142 U	0.142 U	0.142 U	0.142 U	0.176 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U
TOTAL XYLENES	**1330-20-7**	**20**	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.298 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.23 U	0.237 U	0.237 U	0.237 U	0.237 U	0.254 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.19 U	0.192 U	0.192 U	0.192 U	0.192 U	0.224 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	0.22 U	0.224 U	0.224 U	0.224 U	0.224 U	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.32 U	0.327 U	0.327 U	0.327 U	0.327 U	0.393 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88												
VINYL CHLORIDE	75-01-4	1	0.3 U	0.302 U	0.302 U	0.302 U	0.302 U	0.466 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U
Volatile Gases (ug/L)														
METHANE	74-82-8	NC	26 U	5	5 U	13.6 U	5	13.6 U	5 U	5 U	10 J	32	5 U	5 U
Petroleum Hydrocarbons (mg/L)														
TOTAL PETROLEUM HYDROCARBONS		**5**	0.17 J	0.018 U	0.024 J	0.018 U	0.02 U	0.018 U	0.098 J	0.018 U	0.018 U	0.018 U	0.114 J	0.032 V,I
Miscellaneous Parameters														
ALKALINITY (MG/L)		NC												
BICARBONATE ALKALINITY (MG/L)		NC												
CARBON DIOXIDE (MG/L)	124-38-9	NC												
HYDROGEN (NM)	1333-74-0	NC	1.8	1.2	5.8	7.3	2.9	3.4	2.1	4		2.3	5.5	2.8
NITRATE-N (MG/L)		10	0.0031 U	0.321	0.369	0.019 U	0.019 U	0.033	0.121	0.0092 U	0.0092 U	0.029 J	0.424	0.0092 U
NITRITE-N (MG/L)		**1**	0.0035 U	0.0025 U	0.0035 U	0.0035 U	0.0035 U	0.0035 U	0.0075 U	0.0075 U	0.0075 U	0.0075 UJ	0.028	0.0075 U
NITRITE/NITRATE-N (MG/L)		10												
PH		NC												
SULFATE (MG/L)	14808-79-8	250	13.8	12	17.5	15.1	15	16.1	15.8	18.9	21.5	16.2	18.5	15.9
TOTAL DISSOLVED SOLIDS (MG/L)		**500**												

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3646D MW-46D_20071211 20071211	MW3646D MW-46D_20080320 20080320	MW3646D MW-46D_20080804 20080804	MW3646D MW-46D_20080929 20080929	MW3646D OLD-36NW-MW-46D-1208 20081212	MW3646D OLD-36NW-MW-46D-1208-D 20081212	MW3646D OLD-36NW-46D-1100 20090311	MW3646D OLD-SA36NW-46D_20090604 20090604	MW3647C NTC36G47C06 20050420	MW3647C NTC36G47C06-D 20050420	MW3647C NTC36G47C07 20050524	MW3647C MW-47C-20050912 20050912	MW3647C MW-47C_20051214 20051214
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U			1 U	1 U	1 U	1 U				0.199 U	0.199 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.271 U	0.271 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.3 U	0.3 U	0.115 U	0.115 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.31 U	0.31 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.172 U	0.172 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.268 U	0.268 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U			1 U	1 U	1 U	1 U				0.104 U	0.104 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U			1 U	1 U	1 U	1 U				0.837 U	0.837 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U			2 U	2 U	2 U	2 U				0.277 U	0.277 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U			1 U	1 U	1 U	1 U				0.333 U	0.333 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.516 U	0.516 U			2 U	2 U	2 U	2 U				0.103 U	0.37 J
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U			2 U	2 U	2 U	2 U				0.88 U	0.88 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U			1 U	1 U	1 U	1 U				0.147 U	0.147 U
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U			1 U	1 U	1 U	1 U				0.151 U	0.151 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.0868 U	0.0869 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.0886 U	0.0886 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.416 U	0.416 U			2 U	2 U	2 U	2 U				0.172 U	0.172 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U			1 U	1 U	1 U	1 U				0.0785 U	0.0785 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U			1 U	1 U	1 U	1 U				0.2 U	0.2 U
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U			1 U	1 U	1 U	1 U				0.0975 U	0.0975 U
1,4-DIOXANE	123-91-1	3.2												22.8 U	
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U			1 U	1 U	1 U	1 U				0.234 U	0.234 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U	0.729 U	0.729 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC					5 U	5 U	5 U	5 U				4.62 U	1 U
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U			1 U	1 U	1 U	1 U				0.366 U	0.366 U
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	10 U	2.5 U	2.5 U	2.5 U	0.835 U	0.835 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U			1 U	1 U	1 U	1 U				0.0992 U	0.0992 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U			1 U	1 U	1 U	1 U				0.176 U	0.176 U
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	2.5 U	2.5 U	0.354 U	0.354 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U	5 U	5 U	1.3 U	1.3 U
ACROLEIN	107-02-8	3.5					20 U	20 U	20 U	20 U					
ACRYLONITRILE	107-13-1	0.06					10 U	10 U	10 U	10 U					
BENZENE	**71-43-2**	**1**	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.143 U	0.143 U
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U			1 U	1 U	1 U	1 U				0.175 U	0.175 U
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U			1 U	1 U	1 U	1 U				0.301 U	0.301 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.184 U	0.184 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.245 U	0.245 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 UJ	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	0.357 U	0.357 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1.1 J	0.14 U	0.14 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.406 U	0.406 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.105 U	0.105 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.4 U	0.4 U	0.157 U	0.157 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	0.316 U	0.315 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.111 U	0.111 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	0.32 U	0.32 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.278 U	0.278 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.3 U	0.3 U	0.152 U	0.152 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U			2 U	2 U	2 U	2 U				0.216 U	0.216 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U			2 U	2 U	2 U	2 U				0.392 U	0.392 U
ETHYLBENZENE	**100-41-4**	**30**	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.201 U	0.201 U
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U			2 U	2 U	2 U	2 U				0.708 U	0.708 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.365 U	0.365 U			1 U	1 U	1 U	1 U				0.142 U	0.142 U
M+P-XYLENES		NC					2 U	2 U	2 U	2 U					
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.336 U	0.336 U			1 U	1 U	1 U	1 U	4.8	4.3	6.8	5.92	7.92
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	1 U	1 U	0.174 U	0.174 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U			1 U	1 U	1 U	1 U				0.159 U	0.159 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U			1 U	1 U	1 U	1 U				0.242 U	0.242 U
NAPHTHALENE	**91-20-3**	**14**	0.452 U	0.452 U			5 U	5 U	5 U	5 U				0.18 U	0.18 U
O-XYLENE	95-47-6	NC					1 U	1 U	1 U	1 U					
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U			1 U	1 U	1 U	1 U				0.262 U	0.262 U
STYRENE	100-42-5	100	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.173 U	0.173 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U			1 U	1 U	1 U	1 U				0.347 U	0.347 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.242 U	0.242 U
TOLUENE	**108-88-3**	**40**	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.142 U	0.142 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	3 U	3 U					1 U	1 U	1 U	0.22 U	0.24 J
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.237 U	0.237 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.3 U	0.3 U	0.192 U	0.192 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.224 U	0.224 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U			2 U	2 U	2 U	2 U				0.327 U	0.327 U
VINYL ACETATE	108-05-4	88					10 U	10 U	10 U	10 U					
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.302 U	0.302 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC	10 J	44.8	21.3 V	42.7	64.6		41.5	0.89				13.6 U	5
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.018 U	0.25 U	0.24 U	0.25 U	0.25 U	0.24 U	0.25 U				0.018 U	0.022 U
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC													
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC													
HYDROGEN (NM)	1333-74-0	NC	2.2	5.4										5.3	2
NITRATE-N (MG/L)		10	0.0092 U	0.163	0.29	0.1 U	0.1 U		0.18	0.2				0.019 U	0.019 J
NITRITE-N (MG/L)		**1**	0.0075 U	0.0075 U	0.1 U	0.1 U	1.9		0.1 U	0.1 U				0.0035 U	0.012 J
NITRITE/NITRATE-N (MG/L)		10													
PH		NC													
SULFATE (MG/L)	14808-79-8	250	14.7	16.9	21.8	22.8	21.1		19.4	22.9				18.8	18.6
TOTAL DISSOLVED SOLIDS (MG/L)		**500**													

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3647C MW-47C_20060319 20060319	MW3647C MW-47C_20060607 20060607	MW3647C MW-47C_20060915 20060915	MW3647C MW-47C-20061211 20061211	MW3647C MW-47C_20070304 20070304	MW3647C MW-47C_20070619 20070619	MW3647C MW-47C_20070914 20070914	MW3647C MW-47C_20071211 20071211	MW3647C MW-47C_20080320 20080320	MW3647C MW-47C_20080805 20080805	MW3647C MW-47C_20080930 20080930	MW3647C OLD-36NW-MW-47C-1340 20081212	MW3647C OLD-36NW-47C-1235 20090311
Volatile Organics (ug/L)															
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U	0.236 U			1 U	1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.257 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.341 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.419 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	0.259 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	0.371 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.358 UJ	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U	0.404 U			1 U	1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.219 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U	0.981 U			1 U	1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.174 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U			2 U	2 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.357 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U			1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	0.103 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U	0.516 U			2 U	2 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	0.619 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U	1.63 U			2 U	2 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.26 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U	0.363 U			1 U	1 U
1,2-DICHLOROBENZENE	95-50-1	600	0.391 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U	0.394 U			1 U	1 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.989 U	0.41 I	1 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	0.342 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	0.22 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U	0.416 U			2 U	2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.417 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U	0.502 U			1 U	1 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.208 UJ	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U			1 U	1 U
1,4-DICHLOROBENZENE	106-46-7	75	0.389 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U	0.412 U			1 U	1 U
1,4-DIOXANE	123-91-1	3.2													
2,2-DICHLOROPROPANE	594-20-7	NC	0.261 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U	0.795 U			1 U	1 U
2-BUTANONE	78-93-3	4200	0.904 U	1.64 U	1.64 U	1.64 U	1.64 UJ	1.64 U	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	1 U	1 U	1 UJ	1 UJ	1 UJ							5 U	5 U
2-CHLOROTOLUENE	95-49-8	140	0.499 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U	0.661 U			1 U	1 U
2-HEXANONE	591-78-6	280	0.835 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	106-43-4	140	0.18 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U	0.357 U			1 U	1 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.165 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U	0.303 U			1 U	1 U
4-METHYL-2-PENTANONE	108-10-1	560	0.468 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U
ACETONE	67-64-1	6300	1.3 U	1.18 U	1.18 U	1.18 U	1.18 UJ	1.18 U	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U
ACROLEIN	107-02-8	3.5												20 U	20 U
ACRYLONITRILE	107-13-1	0.06												10 U	10 U
BENZENE	**71-43-2**	**1**	2.44	0.305 U	0.305 U	2.73	1.02	16.4	37.3	55.5	17.8	32.1	35.2	26.6	3.5
BROMOBENZENE	108-86-1	NC	0.344 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U	0.536 U			1 U	1 U
BROMOCHLOROMETHANE	74-97-5	91	0.527 UJ	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U	0.899 U			1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.187 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U
BROMOFORM	75-25-2	4.4	0.535 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	0.67 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 U	1.42 UJ	2 U	2 U	2 U	2 U
CARBON DISULFIDE	75-15-0	700	0.211 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U
CARBON TETRACHLORIDE	56-23-5	3	0.67 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.276 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	0.511 U	1.01 U	1.01 U	1.01 UJ	1.01 U	1.01 U	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.571 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	0.246 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.13 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE	74-95-3	70	0.456 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U			2 U	2 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.345 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U	0.844 U			2 U	2 U
ETHYLBENZENE	**100-41-4**	**30**	0.126 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U
HEXACHLOROBUTADIENE	87-68-3	0.4	0.708 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U			2 U	2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	0.114 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U	0.365 U			1 U	1 U
M+P-XYLENES		NC												2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	9.03	12.4	18.2	35.5	28.5	34.9	28.1	23.9	18.9			14.3	8.9
METHYLENE CHLORIDE	75-09-2	5	0.718 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	0.205 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U	0.319 U			1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	0.312 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U	0.669 U			1 U	1 U
NAPHTHALENE	**91-20-3**	**14**	0.333 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U	0.452 U			5 U	5 U
O-XYLENE	95-47-6	NC												1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	0.394 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U	0.539 U			1 U	1 U
STYRENE	100-42-5	100	0.173 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC	0.418 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U	0.776 U			1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.235 UJ	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	0.176 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	0.298 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	0.433 U	3 U	3 U		
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.254 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.224 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	**79-01-6**	**3**	0.178 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.393 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U	0.672 U			2 U	2 U
VINYL ACETATE	108-05-4	88												10 U	10 U
VINYL CHLORIDE	75-01-4	1	0.466 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)															
METHANE	74-82-8	NC	13.6 U	12 J	5 U	51	5 U	24 J	36	37	35.1	54.6 V	40.3	62.5	19.3
Petroleum Hydrocarbons (mg/L)															
TOTAL PETROLEUM HYDROCARBONS		**5**	0.018 U	0.085 J	0.047 J	0.018 U	0.018 U	0.163 J	0.04 V,I	0.018 U	0.018 U	0.25 U	0.24 U	0.24 U	0.24 U
Miscellaneous Parameters															
ALKALINITY (MG/L)		NC													
BICARBONATE ALKALINITY (MG/L)		NC													
CARBON DIOXIDE (MG/L)	124-38-9	NC													
HYDROGEN (NM)	1333-74-0	NC	2.1	2	2.1		1.9	2	2.6	1.5	1.9				
NITRATE-N (MG/L)		10	0.04	0.057 J	0.019 J	0.0092 U	0.043	0.0092 U	0.0092 U	0.0092 U	0.071	0.1 U	0.1 U	0.1 U	0.1 U
NITRITE-N (MG/L)		**1**	0.0035 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.1 U	0.1 U	1.8	0.1 U
NITRITE/NITRATE-N (MG/L)		10													
PH		NC													
SULFATE (MG/L)	14808-79-8	250	17.8	19.5	20.4	23.2	20.7	19.9	15.9	15.8	18.6	22.8	24	25.8	21
TOTAL DISSOLVED SOLIDS (MG/L)		**500**													

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3647C OLD-SA36NW-47C_20090604 20090604	MW3647C OLD-SA36NW-47C_20090604-D 20090604	MW3648C NTC36G48C06 20050420	MW3648C NTC36G48C07 20050524	MW3648C NTC36G48C07-D 20050524	MW3648C MW-48C-20050912 20050912	MW3648C MW-48C_20051214 20051214	MW3648C MW-48C_20051214-D 20051214	MW3648C MW-48C_20060319 20060319	MW3648C MW-48C_20060319-D 20060319	MW3648C MW-48C_20060607 20060607	MW3648C MW-48C_20060607-D 20060607
Volatile Organics (ug/L)														
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	1 U	1 U				0.199 U	0.199 U	0.199 U	0.236 U	0.236 U	0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	1 U	1 U	0.5 U	2.5 U	2.5 U	0.271 U	0.271 U	0.271 U	0.257 U	0.257 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	1 U	1 U	0.3 U	1.5 U	1.5 U	0.115 U	0.115 U	0.115 U	0.341 U	0.341 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	1 U	1 U	0.5 U	2.5 U	2.5 U	0.31 U	0.31 U	0.31 U	0.419 U	0.419 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	1 U	1 U	0.5 U	2.5 U	2.5 U	0.172 U	0.172 U	0.172 U	0.259 U	0.259 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	1 U	1 U	0.5 U	2.5 U	2.5 U	0.268 U	0.268 U	0.268 U	0.371 U	0.371 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC	1 U	1 U				0.104 U	0.104 U	0.104 U	0.358 UJ	0.358 UJ	0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U				0.837 U	0.837 U	0.837 U	0.219 U	0.219 U	0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	2 U	2 U				0.277 U	0.277 U	0.277 U	0.174 U	0.174 U	0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	1 U	1 U				0.333 U	0.333 U	0.333 U	0.357 U	0.357 U	0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U				1.8 I	8.09	7.42	11.2	12.4	35.7	24.9
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	2 U	2 U				0.88 U	0.88 U	0.88 U	0.619 U	0.619 U	1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02	1 U	1 U				0.147 U	0.147 U	0.147 U	0.26 U	0.26 U	0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600	1 U	1 U				0.151 U	0.151 U	0.151 U	0.391 U	0.391 U	0.394 U	0.394 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	1 U	1 U	0.5 U	2.5 U	2.5 U	0.0868 U	0.0869 U	0.0869 U	0.989 U	0.989 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	1 U	1 U	0.5 U	2.5 U	2.5 U	0.0886 U	0.0886 U	0.0886 U	0.342 U	0.342 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	2 U	2 U				0.172 U	0.97 J	0.9 J	1.76	1.89	5.28	2.68
1,3-DICHLOROBENZENE	541-73-1	210	1 U	1 U				0.0785 U	0.0785 U	0.0785 U	0.417 U	0.417 U	0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC	1 U	1 U				0.2 U	0.2 U	0.2 U	0.208 UJ	0.208 UJ	0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75	1 U	1 U				0.0975 U	0.0975 U	0.0975 U	0.389 U	0.389 U	0.412 U	0.412 U
1,4-DIOXANE	123-91-1	3.2						22.8 U						
2,2-DICHLOROPROPANE	594-20-7	NC	1 U	1 U				0.234 U	0.234 U	0.234 U	0.261 U	0.261 U	0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	5 U	5 U	2.5 U	13 U	13 U	0.729 U	0.729 U	0.729 U	0.904 U	0.904 U	1.64 U	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	5 U	5 U				4.62 U	1 U	1 U	1 U	1 U	1 U	1 U
2-CHLOROTOLUENE	95-49-8	140	1 U	1 U				0.366 U	0.366 U	0.366 U	0.499 U	0.499 U	0.661 U	0.661 U
2-HEXANONE	591-78-6	280	10 U	10 U	2.5 U	13 U	13 U	0.835 U	0.835 U	0.835 U	0.835 U	0.835 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140	1 U	1 U				0.0992 U	0.0992 U	0.0992 U	0.18 U	0.18 U	0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U				0.176 U	0.176 U	0.176 U	0.165 U	0.165 U	0.303 U	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	5 U	5 U	2.5 U	13 U	13 U	0.354 U	0.354 U	0.354 U	0.468 U	0.468 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	25 U	25 U	5 U	25 U	25 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.18 U	1.18 U
ACROLEIN	107-02-8	3.5	20 U	20 U										
ACRYLONITRILE	107-13-1	0.06	10 U	10 U										
BENZENE	**71-43-2**	**1**	6.2	6.1	235	270	245	454	3820	4400	1750	1430	1670	1590
BROMOBENZENE	108-86-1	NC	1 U	1 U				0.175 U	0.175 U	0.175 U	0.344 U	0.344 U	0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91	1 U	1 U				0.301 U	0.301 U	0.301 U	0.527 UJ	0.527 UJ	0.899 U	0.899 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	1 U	1 U	0.5 U	2.5 U	2.5 U	0.184 U	0.184 U	0.184 U	0.187 U	0.187 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	1 U	1 U	0.5 U	2.5 U	2.5 U	0.245 U	0.245 U	0.245 U	0.535 U	0.535 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	2 U	2 U	1 U	5 U	5 U	0.357 U	0.357 U	0.357 U	0.67 U	0.67 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	1 U	5 U	5 U	0.14 U	1.54 J	1.39 J	0.47 J	0.58 J	0.6 J	0.56 J
CARBON TETRACHLORIDE	56-23-5	3	1 U	1 U	0.5 U	2.5 U	2.5 U	0.406 U	0.406 U	0.406 U	0.67 U	0.67 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	0.5 U	2.5 U	2.5 U	0.105 U	0.105 U	0.105 U	0.182 U	0.182 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	1 U	1 U	0.4 U	2 U	2 U	0.157 U	0.157 U	0.157 U	0.276 U	0.276 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	2 U	2 U	1 U	5 U	5 U	0.316 U	0.315 U	0.315 U	0.511 U	0.511 U	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	1 U	1 U	1.3	2.5 U	2.5 U	0.111 U	0.111 U	0.111 U	0.571 U	0.571 U	0.554 U	0.554 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	1 U	5 U	5 U	0.32 U	0.32 U	0.32 U	0.246 U	0.246 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	0.5 U	2.5 U	2.5 U	0.278 U	0.278 U	0.278 U	0.369 U	0.369 U	0.369 U	0.369 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	1 U	1 U	0.3 U	1.5 U	1.5 U	0.152 U	0.152 U	0.152 U	0.13 U	0.13 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70	2 U	2 U				0.216 U	0.216 U	0.216 U	0.456 U	0.456 U	0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	2 U	2 U				0.392 U	0.392 U	0.392 U	0.345 U	0.345 U	0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	2.6	4.7 J	4.3 J	7.7	42.3	41.6	56.1	60.6	134	91.1
HEXACHLOROBUTADIENE	87-68-3	0.4	2 U	2 U				0.708 U	0.708 U	0.708 U	0.708 U	0.708 U	1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U				6.87	7.37	7.72	5.59	6.02	9.78	8.53
M+P-XYLENES		NC	2 U	2 U										
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	11.7	11.4	4.4	3.6 J	3.8 J	25.5	49.7	58.5	102	100	112	111
METHYLENE CHLORIDE	75-09-2	5	5 U	5 U	1 U	5 U	5 U	0.174 U	0.174 U	0.174 U	0.718 U	0.718 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U				0.159 U	0.159 U	0.159 U	0.205 U	0.205 U	0.319 U	0.319 U
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U				11.2	15	15.1	8.73	9.6	15.2	11.8
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U				9.39	6.03	5.51	5.73	6.45	6.06	4.77
O-XYLENE	95-47-6	NC	1 U	1 U										
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U				0.47 I	0.81 J	0.85 J	0.59 J	0.64 J	0.539 U	0.539 U
STYRENE	100-42-5	100	1 U	1 U	0.5 U	2.5 U	2.5 U	0.173 U	0.173 U	0.173 U	0.173 U	0.173 U	0.203 U	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC	1 U	1 U				0.347 U	0.347 U	0.347 U	0.418 U	0.418 U	0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	0.5 U	2.5 U	2.5 U	0.242 U	0.26 J	0.242 U	0.235 UJ	0.235 UJ	0.381 U	0.381 U
TOLUENE	**108-88-3**	**40**	1 U	1 U	0.5 U	2.5 U	2.5 U	0.142 U	0.77 J	0.73 J	0.176 U	0.176 U	5.96	1.96
TOTAL XYLENES	**1330-20-7**	**20**			2.7 J	5 U	5 U	0.22 U	3.95	3.88	6.99	8.21	83.6	26.3
TRANS-1,2-DICHLOROETHENE	156-60-5	100	1 U	1 U	0.5 U	2.5 U	2.5 U	0.237 U	0.237 U	0.237 U	0.254 U	0.254 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	1 U	1 U	0.3 U	1.5 U	1.5 U	0.192 U	0.192 U	0.192 U	0.224 U	0.224 U	0.229 U	0.229 U
TRICHLOROETHENE	**79-01-6**	**3**	1 U	1 U	1.8	2.5 U	2.5 U	4.03	2.4	2.46	0.178 U	0.178 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	2 U	2 U				0.327 U	0.327 U	0.327 U	0.393 U	0.393 U	0.672 U	0.672 U
VINYL ACETATE	108-05-4	88	10 U	10 U										
VINYL CHLORIDE	75-01-4	1	1 U	1 U	0.5 U	2.5 U	2.5 U	0.302 U	0.302 U	0.302 U	0.466 U	0.466 U	0.986 U	0.986 U
Volatile Gases (ug/L)														
METHANE	74-82-8	NC	42.3					447	555		533		1130	
Petroleum Hydrocarbons (mg/L)														
TOTAL PETROLEUM HYDROCARBONS		**5**	0.25 U	0.25 U				0.137 I	0.386	0.415	0.653	0.596	0.945	1.21
Miscellaneous Parameters														
ALKALINITY (MG/L)		NC												
BICARBONATE ALKALINITY (MG/L)		NC												
CARBON DIOXIDE (MG/L)	124-38-9	NC												
HYDROGEN (NM)	1333-74-0	NC						4.7	1.7		2.2		3.6	
NITRATE-N (MG/L)		10	0.1 U					0.019 U	0.019 U		0.019 U		0.028 J	
NITRITE-N (MG/L)		**1**	0.1 U					0.0035 U	0.0035 U		0.0035 U		0.0075 U	
NITRITE/NITRATE-N (MG/L)		10	0.2 U											
PH		NC												
SULFATE (MG/L)	14808-79-8	250	18.3					10.9	7.9		8.32		12	
TOTAL DISSOLVED SOLIDS (MG/L)		**500**												

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3648C MW-48C_20060915 20060915	MW3648C MW-48C_20060915-D 20060915	MW3648C MW-48C-20061211 20061211	MW3648C MW-48C-20061211-D 20061211	MW3648C MW-48C-20061211-DUPR1 20061211	MW3648C MW-48CR1-20061211 20061211	MW3648C MW-48C_20070304 20070304	MW3648C MW-48C_20070304-D 20070304	MW3648C MW-48C_20070619 20070619	MW3648C MW-48C_20070619-D 20070619	MW3648C NTC36G48C061907 20070619
Volatile Organics (ug/L)													
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U	0.236 U	0.236 U			0.236 U	0.236 U	0.236 U	0.236 U	
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	0.424 U	0.424 U			0.424 U	0.424 U	0.424 U	0.424 U	5 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	0.226 U	0.226 U			0.226 U	0.226 U	0.226 U	0.226 U	4 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	0.312 U	0.312 U			0.312 U	0.312 U	0.312 U	0.312 U	5 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	0.388 U	0.388 U			0.388 U	0.388 U	0.388 U	0.388 U	5 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	0.899 U	0.899 U			0.899 U	0.899 U	0.899 U	0.899 U	5 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U	0.404 U	0.404 U			0.404 U	0.404 U	0.404 U	0.404 U	
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U	0.981 U	0.981 U			0.981 U	0.981 U	0.981 U	0.981 U	
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U	0.29 U	0.29 U			0.29 U	0.29 U	0.29 U	0.29 U	
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U	0.73 U	0.73 U			0.73 U	0.73 U	0.73 U	0.73 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	40.2	39.4	56.5	71.5			23.4	25.5	29	60.3	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U	1.63 U	1.63 U			1.63 U	1.63 U	1.63 U	1.63 U	
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U	0.363 U	0.363 U			0.363 U	0.363 U	0.363 U	0.363 U	
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U	0.394 U	0.394 U			0.394 U	0.394 U	0.394 U	0.394 U	
1,2-DICHLOROETHANE	**107-06-2**	**3**	0.989 U	0.989 U	0.989 U	0.989 U			0.989 U	0.989 U	0.989 U	0.989 U	5 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	0.563 U	0.563 U			0.563 U	0.563 U	0.563 U	0.563 U	5 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	5.32	5.15	4.03	7.12			0.416 U	0.416 U	0.416 U	0.416 U	
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U	0.502 U	0.502 U			0.502 U	0.502 U	0.502 U	0.502 U	
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U	0.28 U	0.28 U			0.28 U	0.28 U	0.28 U	0.28 U	
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U	0.412 U	0.412 U			0.412 U	0.412 U	0.412 U	0.412 U	
1,4-DIOXANE	123-91-1	3.2											
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U	0.795 U	0.795 U			0.795 U	0.795 U	0.795 U	0.795 U	
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	1.64 U	1.64 U			1.64 UJ	1.64 UJ	1.64 U	1.64 U	25 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	1 UJ	1 UJ	1 UJ	1 UJ			1 UJ	1 UJ			
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U	0.661 U	0.661 U			0.661 U	0.661 U	0.661 U	0.661 U	
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	0.935 U	0.935 U			0.935 U	0.935 U	0.935 U	0.935 U	25 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U	0.357 U	0.357 U			0.357 U	0.357 U	0.357 U	0.357 U	
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U	0.303 U	0.303 U			0.303 U	0.303 U	0.303 U	0.303 U	
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	0.323 U	0.323 U			0.323 U	0.323 U	0.323 U	0.323 U	25 U
ACETONE	67-64-1	6300	1.18 U	1.18 U	1.18 U	1.18 U			1.18 UJ	1.18 UJ	1.18 U	1.18 U	50 U
ACROLEIN	107-02-8	3.5											
ACRYLONITRILE	107-13-1	0.06											
BENZENE	**71-43-2**	**1**	1180	1040	1040 J	1140 J	1100	1150	630	697	397	348	478
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U	0.536 U	0.536 U			0.536 U	0.536 U	0.536 U	0.536 U	
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U	0.899 U	0.899 U			0.899 U	0.899 U	0.899 U	0.899 U	
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	0.452 U	0.452 U	0.452 U	0.452 U			0.452 U	0.452 U	0.452 U	0.452 U	5 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	0.494 U	0.494 U			0.494 U	0.494 U	0.494 U	0.494 U	5 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	1.42 U	1.42 U			1.42 U	1.42 U	1.42 U	1.42 U	10 U
CARBON DISULFIDE	75-15-0	700	1.82	0.89 J	0.5 U	0.5 U			0.5 U	0.5 U	0.5 UJ	0.5 UJ	10 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	5 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	0.182 U	0.182 U			0.182 U	0.182 U	0.182 U	0.182 U	5 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	0.374 U	0.374 U	0.374 U	0.374 U			0.374 U	0.374 U	0.374 U	0.374 U	4 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	2.32 J	3.2 J			1.01 U	1.01 U	1.01 U	1.01 U	10 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	0.554 U	0.554 U			0.554 U	0.554 U	0.554 U	0.554 U	5 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	0.576 U	0.576 U			0.576 U	0.576 U	0.576 U	0.576 U	10 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	0.369 U	0.369 U			0.369 U	0.369 U	0.369 U	0.369 U	5 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	0.465 U	0.465 U			0.465 U	0.465 U	0.465 U	0.465 U	3 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U	0.261 U	0.261 U			0.261 U	0.261 U	0.261 U	0.261 U	
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U	0.844 U	0.844 U			0.844 U	0.844 U	0.844 U	0.844 U	
ETHYLBENZENE	**100-41-4**	**30**	84.6	80.9	79.7	106			27.6	31.2	30.2	56.3	25
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U	1.2 U	1.2 U			1.2 U	1.2 U	1.2 U	1.2 U	
ISOPROPYLBENZENE	**98-82-8**	**0.8**	10.1	10.3	7.21	8.75			3.74	4.32	5.07	7.65	
M+P-XYLENES		NC											
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	126	129	133	135			82.3	84.8	60.6	43.6	58.7
METHYLENE CHLORIDE	75-09-2	5	0.834 U	0.834 U	0.834 U	0.834 U			0.834 U	0.834 U	0.834 U	0.834 U	10 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U	0.319 U	0.319 U			0.319 U	0.319 U	0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC	14.1	13.9	15.6	18.8			0.669 U	0.669 U	9.07	16.2	
NAPHTHALENE	**91-20-3**	**14**	6.99	6.85	8.51	10.1			4.24	4.98	9.96	8.91	10 U
O-XYLENE	95-47-6	NC											
SEC-BUTYLBENZENE	135-98-8	NC	0.8 J	0.69 J	0.62 J	0.66 J			0.539 U	0.539 U	0.539 U	0.73 J	
STYRENE	100-42-5	100	0.203 U	0.203 U	0.203 U	0.203 U			0.203 U	0.203 U	0.203 U	0.203 U	5 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U	0.776 U	0.776 U			0.776 U	0.776 U	0.776 U	0.776 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	0.381 U	0.381 U			0.381 U	0.381 U	0.381 U	0.381 U	5 U
TOLUENE	**108-88-3**	**40**	1.84	1.87	0.257 U	0.26 J			0.28 J	0.32 J	0.28 J	0.257 U	5 U
TOTAL XYLENES	**1330-20-7**	**20**	13.3	11.9	2.8	3.73			1.36	1.51	1.99	1.82	10 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	0.244 U	0.244 U			0.244 U	0.244 U	0.244 U	0.244 U	5 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	0.229 U	0.229 U			0.229 U	0.229 U	0.229 U	0.229 U	3 U
TRICHLOROETHENE	**79-01-6**	**3**	0.574 U	0.574 U	0.574 U	0.574 U			0.574 U	0.574 U	0.574 U	0.574 U	5 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U	0.672 U	0.672 U			0.672 U	0.672 U	0.672 U	0.672 U	
VINYL ACETATE	108-05-4	88											
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	0.986 U	0.986 U			0.986 U	0.986 U	0.986 U	0.986 U	5 U
Volatile Gases (ug/L)													
METHANE	74-82-8	NC	981		1370				810		498		
Petroleum Hydrocarbons (mg/L)													
TOTAL PETROLEUM HYDROCARBONS		**5**	0.775	0.669	0.742	0.758			0.301	0.321	0.66	0.531	4.86
Miscellaneous Parameters													
ALKALINITY (MG/L)		NC											
BICARBONATE ALKALINITY (MG/L)		NC											
CARBON DIOXIDE (MG/L)	124-38-9	NC											
HYDROGEN (NM)	1333-74-0	NC	3						2.3		5.8		
NITRATE-N (MG/L)		10	0.0092 U		0.0092 U				0.0092 U		0.0092 U		
NITRITE-N (MG/L)		**1**	0.0075 U		0.0075 U				0.0075 U		0.0075 U		
NITRITE/NITRATE-N (MG/L)		10											
PH		NC											
SULFATE (MG/L)	14808-79-8	250	3.3		4.29				8.43		19		
TOTAL DISSOLVED SOLIDS (MG/L)		**500**											

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	MW3648C MW-48C_20070914 20070914	MW3648C MW-48C_20070914-D 20070914	MW3648C MW-48C_20071211 20071211	MW3648C MW-48C_20080320 20080320	MW3648C MW-48C_20080320-D 20080320	MW3648C MW-48C_20080805 20080805	MW3648C MW-48C_20080930 20080930	MW3648C OLD-36NW-MW-48C-1220 20081212	MW3648C OLD-36NW-48C-0905 20090311	MW3648C OLD-SA36NW-48C_20090603 20090603
Volatile Organics (ug/L)												
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	2.36 U	2.36 U	0.236 U	0.236 U	0.236 U			1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	4.24 U	4.24 U	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	2.26 U	2.26 U	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	79-00-5	5	3.12 U	3.12 U	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	3.88 U	3.88 U	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	8.99 U	8.99 U	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC	4.04 U	4.04 U	0.404 U	0.404 U	0.404 U			1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	9.81 U	9.81 U	0.981 U	0.981 U	0.981 U			1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	2.9 U	2.9 U	0.29 U	0.29 U	0.29 U			2 U	2 U	2 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	7.3 U	7.3 U	0.73 U	0.73 U	0.73 U			1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	56.9	54.8	12.6	0.53 J	0.516 U			0.65 I	0.93 IV	1.4 I
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	16.3 U	16.3 U	1.63 U	1.63 U	1.63 U			2 U	2 U	2 U
1,2-DIBROMOETHANE	106-93-4	0.02	3.63 U	3.63 U	0.363 U	0.363 U	0.363 U			1 U	1 U	1 U
1,2-DICHLOROBENZENE	95-50-1	600	3.94 U	3.94 U	0.394 U	0.394 U	0.394 U			1 U	1 U	1 U
1,2-DICHLOROETHANE	**107-06-2**	**3**	9.89 U	9.89 U	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	5.63 U	5.63 U	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	**108-67-8**	**10**	4.16 U	4.16 U	0.416 U	0.416 U	0.416 U			2 U	0.24 I	0.2 I
1,3-DICHLOROBENZENE	541-73-1	210	5.02 U	5.02 U	0.502 U	0.502 U	0.502 U			1 U	1 U	1 U
1,3-DICHLOROPROPANE	142-28-9	NC	2.8 U	2.8 U	0.28 U	0.28 U	0.28 U			1 U	1 U	1 U
1,4-DICHLOROBENZENE	106-46-7	75	4.12 U	4.12 U	0.412 U	0.412 U	0.412 U			1 U	1 U	1 U
1,4-DIOXANE	123-91-1	3.2										
2,2-DICHLOROPROPANE	594-20-7	NC	7.95 U	7.95 U	0.795 U	0.795 U	0.795 U			1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	16.4 U	16.4 U	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC								5 U	5 U	5 U
2-CHLOROTOLUENE	95-49-8	140	6.61 U	6.61 U	0.661 U	0.661 U	0.661 U			1 U	1 U	1 U
2-HEXANONE	591-78-6	280	9.35 U	9.35 U	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	106-43-4	140	3.57 U	3.57 U	0.357 U	0.357 U	0.357 U			1 U	1 U	1 U
4-ISOPROPYLTOLUENE	99-87-6	NC	3.03 U	3.03 U	0.303 U	0.303 U	0.303 U			1 U	1 U	1 U
4-METHYL-2-PENTANONE	108-10-1	560	3.23 U	3.23 U	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U
ACETONE	67-64-1	6300	11.8 U	11.8 U	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U
ACROLEIN	107-02-8	3.5								20 U	20 U	20 U
ACRYLONITRILE	107-13-1	0.06								10 U	10 U	10 U
BENZENE	**71-43-2**	**1**	271	251	109	34.9	0.76 J	62.3	41.8	15.1	8.2	3.2
BROMOBENZENE	108-86-1	NC	5.36 U	5.36 U	0.536 U	0.536 U	0.536 U			1 U	1 U	1 U
BROMOCHLOROMETHANE	74-97-5	91	8.99 U	8.99 U	0.899 U	0.899 U	0.899 U			1 U	1 U	1 U
BROMODICHLOROMETHANE	**75-27-4**	**0.6**	4.52 U	4.52 U	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	75-25-2	4.4	4.94 U	4.94 U	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	14.2 U	14.2 U	1.42 U	1.42 UJ	1.42 UJ	2 U	2 U	2 U	2 U	2 U
CARBON DISULFIDE	75-15-0	700	5 U	5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U	0.56 I	2 U
CARBON TETRACHLORIDE	56-23-5	3	5 U	5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	1.82 U	1.82 U	0.182 U	0.21 J	0.182 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	**124-48-1**	**0.4**	3.74 U	3.74 U	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	10.1 U	10.1 U	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	5.54 U	5.54 U	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	5.76 U	5.76 U	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	3.69 U	3.69 U	0.369 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	0.28 I
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	4.65 U	4.65 U	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE	74-95-3	70	2.61 U	2.61 U	0.261 U	0.261 U	0.261 U			2 U	2 U	2 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	8.44 U	8.44 U	0.844 U	0.844 U	0.844 U			2 U	2 U	2 U
ETHYLBENZENE	**100-41-4**	**30**	32.5	33	29.1	7.75	0.34 J	1.4	0.87 I	0.84 I	0.43 I	0.62 I
HEXACHLOROBUTADIENE	87-68-3	0.4	12 U	12 U	1.2 U	1.2 U	1.2 U			2 U	2 U	2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	7.2 I	6.4 I	8.45	3.01	0.365 U			1.9	3.9	4.6
M+P-XYLENES		NC								2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	32.8	31.5	27.9	27.1	5.62			21.4	12	17
METHYLENE CHLORIDE	75-09-2	5	8.34 U	8.34 U	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	3.19 U	3.19 U	0.319 U	0.319 U	0.319 U			1 U	1 U	1 U
N-PROPYLBENZENE	103-65-1	NC	6.69 U	6.69 U	0.669 U	10.7	0.669 U			0.83 I	0.56 IV	0.84 I
NAPHTHALENE	**91-20-3**	**14**	7.4 I	7.3 I	8.76	6.61	0.46 J			8.6	23.2	44.8
O-XYLENE	95-47-6	NC								1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC	5.39 U	5.39 U	0.65 J	0.539 U	0.539 U			1 U	0.63 IV	0.7 I
STYRENE	100-42-5	100	2.03 U	2.03 U	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC	7.76 U	7.76 U	0.776 U	0.776 U	0.776 U			1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	3.81 U	3.81 U	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U
TOLUENE	**108-88-3**	**40**	2.57 U	2.57 U	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	4.33 U	4.33 U	0.433 U	0.433 U	0.433 U	3 U	3 U			
TRANS-1,2-DICHLOROETHENE	156-60-5	100	2.44 U	2.44 U	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	2.29 U	2.29 U	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	**79-01-6**	**3**	5.74 U	5.74 U	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U	0.4 I	0.69 I
TRICHLOROFLUOROMETHANE	75-69-4	2100	6.72 U	6.72 U	0.672 U	0.672 U	0.672 U			2 U	2 U	2 U
VINYL ACETATE	108-05-4	88								10 U	10 U	10 U
VINYL CHLORIDE	75-01-4	1	9.86 U	9.86 U	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)												
METHANE	74-82-8	NC	194		96	82.5		136 V	97.3	123	161	265
Petroleum Hydrocarbons (mg/L)												
TOTAL PETROLEUM HYDROCARBONS		**5**	0.239 V	0.317 V	0.32	0.127 J	0.215	0.298	0.369	0.228 I	0.198 I	0.319
Miscellaneous Parameters												
ALKALINITY (MG/L)		NC										
BICARBONATE ALKALINITY (MG/L)		NC										
CARBON DIOXIDE (MG/L)	124-38-9	NC										
HYDROGEN (NM)	1333-74-0	NC	2.8		1.6	1.7						
NITRATE-N (MG/L)		10	0.0092 U		0.0092 U	0.043		0.1 U	0.1 U	0.1 U	0.11	0.1 U
NITRITE-N (MG/L)		**1**	0.0075 U		0.0075 U	0.0075 U		0.1 U	0.1 U	2.7	0.1 U	0.1 U
NITRITE/NITRATE-N (MG/L)		10										
PH		NC										
SULFATE (MG/L)	14808-79-8	250	14.6		19.7	27.4		27.7	30.9	35.2	34.5	29.2
TOTAL DISSOLVED SOLIDS (MG/L)		**500**										

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	OLD3849D NTC38G49D062107 20070621	OLD3849D OLD-38-49D_20071211 20071211	OLD3849D OLD-38-49D_20080322 20080322	OLD3849D OLD-38-49D_20080728 20080728	OLD3849D OLD-38-49D_20080924 20080924	OLD3849D OLD-38-49D-1549 20081215	OLD3849D OLD-38-49D-1549-D 20081215	OLD3849D OLD-38-49D-1030 20090312	OLD3849D OLD-38-49D-1030-D 20090312	OLD3849D OLD-SA38-49D_20090605 20090605	OLD3850C NTC38G50C062007 20070620	OLD3850C OLD-38-50C_20071211 20071211	OLD3850C OLD-38-50C_20080322 20080322	OLD3850C OLD-38-50C_20080728 20080728
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		0.236 U	0.236 U			1 U	1 U	1 U	1 U	1 U		0.236 U	0.236 U	
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.424 U	0.424 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.4 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.226 U	0.226 U	1 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.5 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.312 U	0.312 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	0.5 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.388 U	0.388 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.899 U	0.899 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC		0.404 U	0.404 U			1 U	1 U	1 U	1 U	1 U		0.404 U	0.404 U	
1,2,3-TRICHLOROBENZENE	87-61-6	70		0.981 U	0.981 U			1 U	1 U	1 U	1 U	1 U		0.981 U	0.981 U	
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		0.29 U	0.29 U			2 U	2 U	2 U	2 U	2 U		0.29 U	0.29 U	
1,2,4-TRICHLOROBENZENE	120-82-1	70		0.73 U	0.73 U			1 U	1 U	1 U	1 U	1 U		0.73 U	0.73 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		0.516 U	0.516 U			2 U	2 U	0.38 I	2 U	2 U		0.516 U	0.516 U	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		1.63 U	1.63 U			2 U	2 U	2 U	2 U	2 U		1.63 U	1.63 U	
1,2-DIBROMOETHANE	106-93-4	0.02		0.363 U	0.363 U			1 U	1 U	1 U	1 U	1 U		0.363 U	0.363 U	
1,2-DICHLOROBENZENE	95-50-1	600		0.394 U	0.394 U			1 U	1 U	1 U	1 U	1 U		0.394 U	0.394 U	
1,2-DICHLOROETHANE	107-06-2	3	0.5 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.989 U	0.989 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	0.5 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.563 U	0.563 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10		0.416 U	0.416 U			2 U	2 U	2 U	2 U	2 U		0.416 U	0.416 U	
1,3-DICHLOROBENZENE	541-73-1	210		0.502 U	0.502 U			1 U	1 U	1 U	1 U	1 U		0.502 U	0.502 U	
1,3-DICHLOROPROPANE	142-28-9	NC		0.28 U	0.28 U			1 U	1 U	1 U	1 U	1 U		0.28 U	0.28 U	
1,4-DICHLOROBENZENE	106-46-7	75		0.412 U	0.412 U			1 U	1 U	1 U	1 U	1 U		0.412 U	0.412 U	
2,2-DICHLOROPROPANE	594-20-7	NC		0.795 U	0.795 U			1 U	1 U	1 U	1 U	1 U		0.795 U	0.795 U	
2-BUTANONE	78-93-3	4200	2.5 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	1.64 U	1.64 U	5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC						5 U	5 U	5 U	5 U	5 U				
2-CHLOROTOLUENE	95-49-8	140		0.661 U	0.661 U			1 U	1 U	1 U	1 U	1 U		0.661 U	0.661 U	
2-HEXANONE	591-78-6	280	2.5 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.5 U	0.935 U	0.935 U	10 U
4-CHLOROTOLUENE	106-43-4	140		0.357 U	0.357 U			1 U	1 U	1 U	1 U	1 U		0.357 U	0.357 U	
4-ISOPROPYLTOLUENE	99-87-6	NC		0.303 U	0.303 U			1 U	1 U	1 U	1 U	1 U		2.43	0.303 U	
4-METHYL-2-PENTANONE	108-10-1	560	2.5 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U	0.323 U	0.323 U	5 U
ACETONE	67-64-1	6300	5 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U	1.18 U	1.18 U	25 U
ACROLEIN	**107-02-8**	**3.5**						20 U	20 U	20 U	20 U	20 U				
ACRYLONITRILE	107-13-1	0.06						10 U	10 U	10 U	10 U	10 U				
BENZENE	**71-43-2**	**1**	1.2	2.48	0.305 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.6	2.6	2.7	1 U
BROMOBENZENE	108-86-1	NC		0.536 U	0.536 U			1 U	1 U	1 U	1 U	1 U		0.536 U	0.536 U	
BROMOCHLOROMETHANE	74-97-5	91		0.899 U	0.899 U			1 U	1 U	1 U	1 U	1 U		0.899 U	0.899 U	
BROMODICHLOROMETHANE	75-27-4	0.6	0.5 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.452 U	0.452 U	1 U
BROMOFORM	75-25-2	4.4	0.5 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.494 U	0.494 U	1 U
BROMOMETHANE	74-83-9	9.8	1 U	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1.42 U	1.42 U	2 U
CARBON DISULFIDE	75-15-0	700	6.5	0.5 UJ	0.5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	0.5 U	0.5 U	2 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U
CHLOROBENZENE	108-90-7	100	0.5 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.182 U	0.182 U	1 U
CHLORODIBROMOMETHANE	124-48-1	0.4	0.4 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.374 U	0.374 U	1 U
CHLOROETHANE	75-00-3	12	1 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1.01 U	1.01 U	2 U
CHLOROFORM	67-66-3	70	4.5	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.9	0.554 U	0.554 U	1 U
CHLOROMETHANE	74-87-3	2.7	1 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	0.576 U	0.576 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.44 J	0.369 U	1 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.3 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.465 U	0.465 U	1 U
DIBROMOMETHANE	74-95-3	70		0.261 U	0.261 U			2 U	2 U	2 U	2 U	2 U		0.261 U	0.261 U	
DICHLORODIFLUOROMETHANE	75-71-8	1400		0.844 U	0.844 U			2 U	2 U	2 U	2 U	2 U		0.844 U	0.844 U	
ETHYLBENZENE	**100-41-4**	**30**	0.66 J	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.338 U	0.338 U	0.66 I
HEXACHLOROBUTADIENE	87-68-3	0.4		1.2 U	1.2 U			2 U	2 U	2 U	2 U	2 U		1.2 U	1.2 U	
ISOPROPYLBENZENE	**98-82-8**	**0.8**		0.365 U	0.365 U			1 U	1 U	1 U	1 U	1 U		0.365 U	0.365 U	
M+P-XYLENES	TTNUS054	NC						2 U	2 U	2 U	2 U	2 U				
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	0.336 U	0.336 U			1 U	1 U	1 U	1 U	1 U	0.5 U	7.98	0.336 U	
METHYLENE CHLORIDE	**75-09-2**	**5**	1.7 J	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	0.834 U	0.834 U	5 U
N-BUTYLBENZENE	104-51-8	NC		0.319 U	0.319 U			1 U	1 U	1 U	1 U	1 U		0.319 U	0.319 U	
N-PROPYLBENZENE	103-65-1	NC		0.669 U	0.669 U			1 U	1 U	1 U	1 U	1 U		0.669 U	0.669 U	
NAPHTHALENE	**91-20-3**	**14**	1 U	0.452 U	0.452 U			5 U	5 U	1 I	5 U	5 U	1 U	0.452 U	0.452 U	
O-XYLENE	95-47-6	NC						1 U	1 U	1 U	1 U	1 U				
SEC-BUTYLBENZENE	135-98-8	NC		0.539 U	0.539 U			1 U	1 U	1 U	1 U	1 U		0.539 U	0.539 U	
STYRENE	100-42-5	100	0.5 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.203 U	0.203 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC		0.776 U	0.776 U			1 U	1 U	1 U	1 U	1 U		0.776 U	0.776 U	
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	0.381 UJ	0.381 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.381 U	0.381 U	1 U
TOLUENE	108-88-3	40	0.5 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	2.4	0.257 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	0.433 U	0.433 U	3 U	3 U						1 U	0.433 U	0.433 U	3 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.5 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.244 U	0.244 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.3 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.229 U	0.229 U	1 U
TRICHLOROETHENE	79-01-6	3	0.5 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	0.574 U	0.62 J	1 U
TRICHLOROFLUOROMETHANE	75-69-4	2100		0.672 UJ	0.672 U			2 U	2 U	2 U	2 U	2 U		0.672 U	0.672 U	
VINYL ACETATE	108-05-4	88						10 U	10 U	10 U	10 U	10 U				
VINYL CHLORIDE	75-01-4	1	0.5 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.986 U	0.986 U	1 U
Volatile Gases (ug/L)																
ETHANE	74-84-0	NC														
ETHENE	74-85-1	NC														
METHANE	74-82-8	NC														
Petroleum Hydrocarbons (mg/L)																
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.646	0.028 J	0.018 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.17 U	0.149 J	0.018 U	0.24 U
Miscellaneous Parameters																
HYDROGEN (NM)	1333-74-0	NC														
NITRATE-N (MG/L)	TTNUS495	10														
NITRITE-N (MG/L)	TTNUS496	1														
SULFATE (MG/L)	14808-79-8	250														

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	OLD3850C OLD-38-50C_20080924 20080924	OLD3850C OLD-38-50C-1430 20081215	OLD3850C OLD-38-50C-1040 20090312	OLD3850C OLD-SA38-50C_20090605 20090605	OLD3851D NTC38G51D062007 20070620	OLD3851D OLD-38-51D_20071211 20071211	OLD3851D OLD-38-51D_20080322 20080322	OLD3851D OLD-38-51D_20080728 20080728	OLD3851D OLD-38-51D_20080728-D 20080728	OLD3851D OLD-38-51D_20080924 20080924	OLD3851D OLD-38-51D-1459 20081215	OLD3851D OLD-38-51D-1130 20090312	OLD3851D OLD-SA38-51D_20090605 20090605	OLD3852C NTC38G52C062007 20070620
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		1 U	1 U	1 U		0.236 U	0.236 U				1 U	1 U	1 U	
1,1,1-TRICHLOROETHANE	71-55-6	200	1 U	1 U	1 U	1 U	0.5 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	1 U	1 U	1 U	1 U	0.4 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U
1,1,2-TRICHLOROETHANE	79-00-5	5	1 U	1 U	1 U	1 U	0.5 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,1-DICHLOROETHANE	75-34-3	70	1 U	1 U	1 U	1 U	0.5 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,1-DICHLOROETHENE	75-35-4	7	1 U	1 U	1 U	1 U	0.5 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,1-DICHLOROPROPENE	563-58-6	NC		1 U	1 U	1 U		0.404 U	0.404 U				1 U	1 U	1 U	
1,2,3-TRICHLOROBENZENE	87-61-6	70		1 U	1 U	1 U		0.981 U	0.981 U				0.55 I	1 U	1 U	
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		2 U	2 U	2 U		0.29 U	0.29 U				2 U	2 U	2 U	
1,2,4-TRICHLOROBENZENE	120-82-1	70		1 U	1 U	1 U		0.73 U	0.73 U				1 U	1 U	1 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2 U	2 U	2 U		0.516 U	0.516 U				2 U	2 U	2 U	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		2 U	2 U	2 U		1.63 U	1.63 U				2 U	2 U	2 U	
1,2-DIBROMOETHANE	106-93-4	0.02		1 U	1 U	1 U		0.363 U	0.363 U				1 U	1 U	1 U	
1,2-DICHLOROBENZENE	95-50-1	600		1 U	1 U	1 U		0.394 U	0.394 U				1 U	1 U	1 U	
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	1 U	0.5 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,2-DICHLOROPROPANE	78-87-5	5	1 U	1 U	1 U	1 U	0.5 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10		2 U	2 U	2 U		0.416 U	0.416 U				2 U	2 U	2 U	
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U		0.502 U	0.502 U				1 U	1 U	1 U	
1,3-DICHLOROPROPANE	142-28-9	NC		1 U	1 U	1 U		0.28 U	0.28 U				1 U	1 U	1 U	
1,4-DICHLOROBENZENE	106-46-7	75		1 U	1 U	1 U		0.412 U	0.412 U				1 U	1 U	1 U	
2,2-DICHLOROPROPANE	594-20-7	NC		1 U	1 U	1 U		0.795 U	0.795 U				1 U	1 U	1 U	
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	2.5 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC		5 U	5 U	5 U							5 U	5 U	5 U	
2-CHLOROTOLUENE	95-49-8	140		1 U	1 U	1 U		0.661 U	0.661 U				1 U	1 U	1 U	
2-HEXANONE	591-78-6	280	10 U	10 U	10 U	10 U	2.5 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	10 U	2.5 U
4-CHLOROTOLUENE	106-43-4	140		1 U	1 U	1 U		0.357 U	0.357 U				1 U	1 U	1 U	
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U		0.303 U	0.303 U				1 U	1 U	1 U	
4-METHYL-2-PENTANONE	108-10-1	560	5 U	5 U	5 U	5 U	2.5 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	5 U	2.5 U
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	8 J	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U
ACROLEIN	**107-02-8**	**3.5**		20 U	20 U	20 U							20 U	20 U	8.4 I	
ACRYLONITRILE	107-13-1	0.06		10 U	10 U	10 U							10 U	10 U	10 U	
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	1 U	30.8 J	19	3.06	1.9	2	1.9	3.4	1 U	1.1	1.3
BROMOBENZENE	108-86-1	NC		1 U	1 U	1 U		0.536 U	0.536 U				1 U	1 U	1 U	
BROMOCHLOROMETHANE	74-97-5	91		1 U	1 U	1 U		0.899 U	0.899 U				1 U	1 U	1 U	
BROMODICHLOROMETHANE	75-27-4	0.6	1 U	1 U	1 U	1 U	0.5 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
BROMOFORM	75-25-2	4.4	1 U	1 U	1 U	1 U	0.5 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
BROMOMETHANE	74-83-9	9.8	2 U	2 U	2 U	2 U	1 U	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	1 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CARBON TETRACHLORIDE	56-23-5	3	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	1 U	0.5 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
CHLORODIBROMOMETHANE	124-48-1	0.4	1 U	1 U	1 U	1 U	0.4 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 U
CHLOROETHANE	75-00-3	12	2 U	2 U	2 U	2 U	1 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	1.6	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	1 U	0.89 J
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	2 U	1 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	0.5 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	1 U	1 U	1 U	1 U	0.3 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U
DIBROMOMETHANE	74-95-3	70		2 U	2 U	2 U		0.261 U	0.261 U				2 U	2 U	2 U	
DICHLORODIFLUOROMETHANE	75-71-8	1400		2 U	2 U	2 U		0.844 U	0.844 U				2 U	2 U	2 U	
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	1 U	0.5 UJ	2.18	0.75 J	0.9 I	1	1.3	1.6	0.56 I	1 U	0.5 U
HEXACHLOROBUTADIENE	87-68-3	0.4		2 U	2 U	2 U		1.2 U	1.2 U				2 U	2 U	2 U	
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U		0.365 U	0.365 U				1 U	0.21 I	0.35 I	
M+P-XYLENES	TTNUS054	NC		2 U	2 U	2 U							2 U	2 U	2 U	
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**		1 U	0.34 I	1 U	1.1	0.38 J	0.336 U				0.78 I	0.53 I	1 U	1
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	5 U	5 U	1.6 J	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U		0.319 U	0.319 U				1 U	1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U		0.669 U	0.669 U				1 U	1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U	1 UJ	0.452 U	0.452 U				5 U	5 U	5 U	1 U
O-XYLENE	95-47-6	NC		1 U	1 U	1 U							1 U	1 U	1 U	
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U		0.539 U	0.539 U				1 U	1 U	1 U	
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	0.5 UJ	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TERT-BUTYLBENZENE	98-06-6	NC		1 U	1 U	1 U		0.776 U	0.776 U				1 U	1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	0.5 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	1 U	0.5 UJ	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TOTAL XYLENES	**1330-20-7**	**20**	3 U				1 UJ	0.5 J	0.433 U	3 U	3 U	3 U				1 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	1 U	1 U	1 U	1 U	0.5 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	1 U	1 U	1 U	1 U	0.3 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	1 U	0.3 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	1 U	0.5 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
TRICHLOROFLUOROMETHANE	75-69-4	2100		2 U	2 U	2 U		0.672 U	0.672 U				2 U	2 U	2 U	
VINYL ACETATE	108-05-4	88		10 U	10 U	10 U							10 U	10 U	10 U	
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	1 U	0.5 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 U
Volatile Gases (ug/L)																
ETHANE	74-84-0	NC														
ETHENE	74-85-1	NC														
METHANE	74-82-8	NC														
Petroleum Hydrocarbons (mg/L)																
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.24 U	0.24 U	0.21 J	0.111 J	0.201	0.24 U	0.18 I	0.24 U	0.24 U	0.24 U	0.24 U	0.174 J
Miscellaneous Parameters																
HYDROGEN (NM)	1333-74-0	NC														
NITRATE-N (MG/L)	TTNUS495	10														
NITRITE-N (MG/L)	TTNUS496	1														
SULFATE (MG/L)	14808-79-8	250														

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	OLD3852C NTC38G52C062007-D 20070620	OLD3852C OLD-38-52C_20071211 20071211	OLD3852C OLD-38-52C_20080322 20080322	OLD3852C OLD-38-52C_20080728 20080728	OLD3852C OLD-38-52C_20080924 20080924	OLD3852C OLD-38-52C-1355 20081215	OLD3852C OLD-38-52C-1230 20090312	OLD3852C OLD-SA38-52C_20090605 20090605	OLD3853D NTC38G53D062007 20070620	OLD3853D OLD-38-53D_20071211 20071211	OLD3853D OLD-38-53D_20080322 20080322	OLD3853D OLD-38-53D_20080728 20080728	OLD3853D OLD-38-53D_20080924 20080924	OLD3853D OLD-38-53D-1425 20081215
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		0.236 U	0.236 U			1 U	1 U	1 U		0.236 U	0.236 U			1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.5 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.424 U	0.424 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.4 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.226 U	0.226 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.5 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.312 U	0.312 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	0.5 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.388 U	0.388 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	0.5 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.899 U	0.899 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC		0.404 U	0.404 U			1 U	1 U	1 U		0.404 U	0.404 U			1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70		0.981 U	0.981 U			1 U	1 U	1 U		0.981 U	0.981 U			1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		0.29 U	0.29 U			2 U	2 U	2 U		0.29 U	0.29 U			2 U
1,2,4-TRICHLOROBENZENE	120-82-1	70		0.73 U	0.73 U			1 U	1 U	1 U		0.73 U	0.73 U			1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		0.516 U	0.516 U			2 U	2 U	2 U		0.516 U	0.516 U			2 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		1.63 U	1.63 U			2 U	2 U	2 U		1.63 U	1.63 U			2 U
1,2-DIBROMOETHANE	106-93-4	0.02		0.363 U	0.363 U			1 U	1 U	1 U		0.363 U	0.363 U			1 U
1,2-DICHLOROBENZENE	95-50-1	600		0.394 U	0.394 U			1 U	1 U	1 U		0.394 U	0.394 U			1 U
1,2-DICHLOROETHANE	107-06-2	3	0.5 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.989 U	0.989 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	0.5 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.563 U	0.563 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10		0.416 U	0.416 U			2 U	2 U	2 U		0.416 U	0.416 U			2 U
1,3-DICHLOROBENZENE	541-73-1	210		0.502 U	0.502 U			1 U	1 U	1 U		0.502 U	0.502 U			1 U
1,3-DICHLOROPROPANE	142-28-9	NC		0.28 U	0.28 U			1 U	1 U	1 U		0.28 U	0.28 U			1 U
1,4-DICHLOROBENZENE	106-46-7	75		0.412 U	0.412 U			1 U	1 U	1 U		0.412 U	0.412 U			1 U
2,2-DICHLOROPROPANE	594-20-7	NC		0.795 U	0.795 U			1 U	1 U	1 U		0.795 U	0.795 U			1 U
2-BUTANONE	78-93-3	4200	2.5 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	2.5 U	1.64 U	1.64 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC						5 U	5 U	5 U						5 U
2-CHLOROTOLUENE	95-49-8	140		0.661 U	0.661 U			1 U	1 U	1 U		0.661 U	0.661 U			1 U
2-HEXANONE	591-78-6	280	2.5 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	2.5 U	0.935 U	0.935 U	10 U	10 U	10 U
4-CHLOROTOLUENE	106-43-4	140		0.357 U	0.357 U			1 U	1 U	1 U		0.357 U	0.357 U			1 U
4-ISOPROPYLTOLUENE	99-87-6	NC		0.303 U	0.303 U			1 U	1 U	1 U		0.303 U	0.303 U			1 U
4-METHYL-2-PENTANONE	108-10-1	560	2.5 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	2.5 U	0.323 U	0.323 U	5 U	5 U	5 U
ACETONE	67-64-1	6300	5 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	5 U	1.18 U	1.18 U	25 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**						20 U	20 U	20 U						20 U
ACRYLONITRILE	107-13-1	0.06						10 U	10 U	10 U						10 U
BENZENE	**71-43-2**	**1**	1.1	0.305 U	0.305 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.305 U	0.305 U	1 U	1 U	1 U
BROMOBENZENE	108-86-1	NC		0.536 U	0.536 U			1 U	1 U	1 U		0.536 U	0.536 U			1 U
BROMOCHLOROMETHANE	74-97-5	91		0.899 U	0.899 U			1 U	1 U	1 U		0.899 U	0.899 U			1 U
BROMODICHLOROMETHANE	75-27-4	0.6	0.5 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.452 U	0.452 U	1 U	1 U	1 U
BROMOFORM	75-25-2	4.4	0.5 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.494 U	0.494 U	1 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	1 U	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U	1 U	1.42 U	1.42 UJ	2 U	2 U	2 U
CARBON DISULFIDE	75-15-0	700	1 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	0.5 U	0.5 U	2 U	2 U	2 U
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	0.5 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.182 U	0.182 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	124-48-1	0.4	0.4 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.374 U	0.374 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	1 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	1 U	1.01 U	1.01 UJ	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	0.67 J	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.554 U	0.554 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	1 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	1 U	0.576 U	0.576 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.5 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.369 U	0.369 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.3 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.465 U	0.465 U	1 U	1 U	1 U
DIBROMOMETHANE	74-95-3	70		0.261 U	0.261 U			2 U	2 U	2 U		0.261 U	0.261 U			2 U
DICHLORODIFLUOROMETHANE	75-71-8	1400		0.844 U	0.844 U			2 U	2 U	2 U		0.844 U	0.844 U			2 U
ETHYLBENZENE	**100-41-4**	**30**	0.5 U	0.338 U	0.338 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.338 U	0.338 U	1 U	1 U	1 U
HEXACHLOROBUTADIENE	87-68-3	0.4		1.2 U	1.2 U			2 U	2 U	2 U		1.2 U	1.2 U			2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		0.365 U	0.365 U			1 U	1 U	1 U		0.365 U	0.365 U			1 U
M+P-XYLENES	TTNUS054	NC						2 U	2 U	2 U						2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.5 U	0.39 J	0.336 U			1 U	1 U	1 U	0.5 U	0.336 U	0.336 U			1 U
METHYLENE CHLORIDE	**75-09-2**	**5**	1 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	1 U	0.834 U	0.834 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC		0.319 U	0.319 U			1 U	1 U	1 U		0.319 U	0.319 U			1 U
N-PROPYLBENZENE	103-65-1	NC		0.669 U	0.669 U			1 U	1 U	1 U		0.669 U	0.669 U			1 U
NAPHTHALENE	**91-20-3**	**14**	1 U	0.452 U	0.452 U			5 U	5 U	5 U	1 U	0.452 U	0.452 U			5 U
O-XYLENE	95-47-6	NC						1 U	1 U	1 U						1 U
SEC-BUTYLBENZENE	135-98-8	NC		0.539 U	0.539 U			1 U	1 U	1 U		0.539 U	0.539 U			1 U
STYRENE	100-42-5	100	0.5 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.203 U	0.203 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC		0.776 U	0.776 U			1 U	1 U	1 U		0.776 U	0.776 U			1 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.5 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.381 U	0.381 U	1 U	1 U	1 U
TOLUENE	108-88-3	40	0.5 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.257 U	0.257 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	1 U	0.433 U	0.433 U	3 U	3 U				1 U	0.433 U	0.433 U	3 U	3 U	
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.5 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.244 U	0.244 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.3 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	0.3 U	0.229 U	0.229 U	1 U	1 U	1 U
TRICHLOROETHENE	79-01-6	3	0.5 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.574 U	0.574 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	75-69-4	2100		0.672 U	0.672 U			2 U	2 U	2 U		0.672 U	0.672 UJ			2 U
VINYL ACETATE	108-05-4	88						10 U	10 U	10 U						10 U
VINYL CHLORIDE	75-01-4	1	0.5 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.986 U	0.986 U	1 U	1 U	1 U
Volatile Gases (ug/L)																
ETHANE	74-84-0	NC														
ETHENE	74-85-1	NC														
METHANE	74-82-8	NC														
Petroleum Hydrocarbons (mg/L)																
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.16 U	0.048 J	0.068 J	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.17 U	0.03 J	0.088 J	0.24 U	0.24 U	0.24 U
Miscellaneous Parameters																
HYDROGEN (NM)	1333-74-0	NC														
NITRATE-N (MG/L)	TTNUS495	10														
NITRITE-N (MG/L)	TTNUS496	1														
SULFATE (MG/L)	14808-79-8	250														

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	OLD3853D OLD-38-53D-1305 20090312	OLD3853D OLD-SA38-53D_20090605 20090605	OLD3854C NTC38G54C061907 20070619	OLD3854C OLD-38-54C_20071211 20071211	OLD3854C OLD-38-54C_20080323 20080323	OLD3854C OLD-38-54C_20080728 20080728	OLD3854C OLD-38-54C_20080925 20080925	OLD3854C OLD-38-54C_20080925-D 20080925	OLD3854C OLD-38-54C-1116 20081216	OLD3854C OLD-38-54C-1420 20090312	OLD3854C OLD-38-54C_20090608 20090608	OLD3855D NTC38G55D061907 20070619	OLD3855D OLD-38-55D_20071211 20071211	OLD3855D OLD-38-55D_20080322 20080322
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	1 U	1 U		0.236 U	0.236 U				1 U	1 U	1 U		0.236 U	0.236 U
1,1,1-TRICHLOROETHANE	71-55-6	200	1 U	1 U	0.5 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.424 U	0.424 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	1 U	1 U	0.4 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	0.226 U	0.226 U
1,1,2-TRICHLOROETHANE	79-00-5	5	1 U	1 U	0.5 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.312 U	0.312 U
1,1-DICHLOROETHANE	75-34-3	70	1 U	1 U	0.5 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.388 U	0.388 U
1,1-DICHLOROETHENE	75-35-4	7	1 U	1 U	0.5 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.899 U	0.899 U
1,1-DICHLOROPROPENE	563-58-6	NC	1 U	1 U		0.404 U	0.404 U				1 U	1 U	1 U		0.404 U	0.404 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U		0.981 U	0.981 U				1 U	1 U	1 U		0.981 U	0.981 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	2 U	2 U		0.29 U	0.29 U				2 U	2 U	2 U		0.29 U	0.29 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	1 U	1 U		0.73 U	0.73 U				1 U	1 U	1 U		0.73 U	0.73 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U		0.516 U	0.516 U				0.46 I	0.86 I	2 U		29.2	18.5
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	2 U	2 U		1.63 U	1.63 U				2 U	2 U	2 U		1.63 U	1.63 U
1,2-DIBROMOETHANE	106-93-4	0.02	1 U	1 U		0.363 U	0.363 U				1 U	1 U	1 U		0.363 U	0.363 U
1,2-DICHLOROBENZENE	95-50-1	600	1 U	1 U		0.394 U	0.394 U				1 U	1 U	1 U		0.394 U	0.394 U
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	0.5 U	0.989 U	0.989 U	0.43 I	0.49 I	0.46 I	0.49 I	1 U	0.42 I	2.5 U	0.989 U	0.989 U
1,2-DICHLOROPROPANE	78-87-5	5	1 U	1 U	0.5 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.563 U	0.563 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U	2 U		0.416 U	0.416 U				2 U	2 U	2 U		0.77 J	0.47 J
1,3-DICHLOROBENZENE	541-73-1	210	1 U	1 U		0.502 U	0.502 U				1 U	1 U	1 U		0.502 U	0.502 U
1,3-DICHLOROPROPANE	142-28-9	NC	1 U	1 U		0.28 U	0.28 U				1 U	1 U	1 U		0.28 U	0.28 U
1,4-DICHLOROBENZENE	106-46-7	75	1 U	1 U		0.412 U	0.412 U				1 U	1 U	1 U		0.412 U	0.412 U
2,2-DICHLOROPROPANE	594-20-7	NC	1 U	1 U		0.795 U	0.795 U				1 U	1 U	1 U		0.795 U	0.795 U
2-BUTANONE	78-93-3	4200	5 U	5 U	2.5 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	5 U	13 U	1.64 U	1.64 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	5 U	5 U							5 U	5 U	5 U			
2-CHLOROTOLUENE	95-49-8	140	1 U	1 U		0.661 U	0.661 U				1 U	1 U	1 U		0.661 U	0.661 U
2-HEXANONE	591-78-6	280	10 U	10 U	2.5 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	10 U	13 U	0.935 U	0.935 U
4-CHLOROTOLUENE	106-43-4	140	1 U	1 U		0.357 U	0.357 U				1 U	1 U	1 U		0.357 U	0.357 U
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U		0.303 U	0.303 U				1 U	1 U	1 U		0.34 J	0.303 U
4-METHYL-2-PENTANONE	108-10-1	560	5 U	5 U	2.5 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	5 U	13 U	0.323 U	0.323 U
ACETONE	67-64-1	6300	25 U	25 U	5 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	1.18 U	1.18 U
ACROLEIN	**107-02-8**	**3.5**	20 U	20 U							20 U	20 U	20 U			
ACRYLONITRILE	107-13-1	0.06	10 U	10 U							10 U	10 U	10 U			
BENZENE	**71-43-2**	**1**	1 U	1 U	8	24.2	64.9	26.2	3	4.2	1 U	1 U	1 U	220	172	99.6
BROMOBENZENE	108-86-1	NC	1 U	1 U		0.536 U	0.536 U				1 U	1 U	1 U		0.536 U	0.536 U
BROMOCHLOROMETHANE	74-97-5	91	1 U	1 U		0.899 U	0.899 U				1 U	1 U	1 U		0.899 U	0.899 U
BROMODICHLOROMETHANE	75-27-4	0.6	1 U	1 U	0.5 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.452 U	0.452 U
BROMOFORM	75-25-2	4.4	1 U	1 U	0.5 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.494 U	0.494 U
BROMOMETHANE	74-83-9	9.8	2 U	2 U	1 U	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	1.42 U	1.42 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	1 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	56-23-5	3	1 U	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.5 U	0.5 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	0.5 U	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.182 U	0.182 U
CHLORODIBROMOMETHANE	124-48-1	0.4	1 U	1 U	0.4 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	0.374 U	0.374 U
CHLOROETHANE	75-00-3	12	2 U	2 U	1 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	1.01 U	1.01 U
CHLOROFORM	67-66-3	70	1 U	1 U	7	0.554 U	0.554 U	0.41 I	1 U	1 U	1 U	1 U	1 U	3.2 J	1.6	0.554 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	1 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	2 U	5 U	0.576 U	0.576 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	0.5 U	0.369 U	0.369 U	0.24 I	0.26 I	0.28 I	1 U	0.29 I	0.27 I	2.5 U	0.369 U	0.369 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	1 U	1 U	0.3 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U	0.465 U	0.465 U
DIBROMOMETHANE	74-95-3	70	2 U	2 U		0.261 U	0.261 U				2 U	2 U	2 U		0.261 U	0.261 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	2 U	2 U		0.844 U	0.844 U				2 U	2 U	2 U		0.844 U	0.844 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	0.5 U	1.84	15.1	17.5	2.3	3.7	0.53 I	1 U	1 U	93.4	165	97
HEXACHLOROBUTADIENE	87-68-3	0.4	2 U	2 U		1.2 U	1.2 U				2 U	2 U	2 U		1.2 U	1.2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U		0.365 U	0.69 J				0.37 I	0.86 I	1 U		13.1	9.25
M+P-XYLENES	TTNUS054	NC	2 U	2 U							2 U	2 U	2 U			
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	1 U	1 U	6.1	12.4	16.8				7.4	5.4	6.9	19.4	7.29	2.98
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	4.2 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.834 U	0.834 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U		0.319 U	0.319 U				1 U	1 U	1 U		1.84	4.33
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U		0.669 U	0.669 U				1 U	1 U	1 U		0.669 U	28.5
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U	1 U	0.452 U	0.452 U				1.1 I	2.9 I	5 U	55.7	163	176
O-XYLENE	95-47-6	NC	1 U	1 U							1 U	1 U	1 U			
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U		0.539 U	0.539 U				1 U	1 U	1 U		4.55	4.75
STYRENE	100-42-5	100	1 U	1 U	0.5 U	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.22 J	0.203 U
TERT-BUTYLBENZENE	98-06-6	NC	1 U	1 U		0.776 U	0.776 U				1 U	1 U	1 U		0.776 U	0.776 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	0.5 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.381 U	0.381 U
TOLUENE	108-88-3	40	1 U	1 U	0.5 U	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	1.09	0.59 J
TOTAL XYLENES	**1330-20-7**	**20**			1 U	0.433 U	0.433 U	3 U	3 U	3 U				5 U	2.08	0.79 J
TRANS-1,2-DICHLOROETHENE	156-60-5	100	1 U	1 U	0.5 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	0.244 U	0.244 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	1 U	1 U	0.3 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5 U	0.229 U	0.229 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	0.5 U	0.574 U	0.68 J	0.74 I	1 U	1 U	1 U	0.54 I	1 U	2.5 U	0.574 U	0.574 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	2 U	2 U		0.672 U	0.672 U				2 U	2 U	2 U		0.672 U	0.672 U
VINYL ACETATE	108-05-4	88	10 U	10 U							10 U	10 U	10 U			
VINYL CHLORIDE	75-01-4	1	1 U	1 U	0.5 U	0.986 U	0.986 U	1 U	1 U	1 U	0.9 I	1 U	1 U	2.5 U	0.986 U	0.986 U
Volatile Gases (ug/L)																
ETHANE	74-84-0	NC											1 U			
ETHENE	74-85-1	NC											1 U			
METHANE	74-82-8	NC				143	252	184	111		146	292	231			
Petroleum Hydrocarbons (mg/L)																
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.17 U	0.062 J	0.05 J	0.212 I	0.191 I	0.232 I	0.25 U	0.24 U	0.24 U	0.777	0.858	0.945
Miscellaneous Parameters																
HYDROGEN (NM)	1333-74-0	NC				2.3	2									
NITRATE-N (MG/L)	TTNUS495	10				0.0092 U	0.0092 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U			
NITRITE-N (MG/L)	TTNUS496	1				0.0075 U	0.0075 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U			
SULFATE (MG/L)	14808-79-8	250				16.4	17.5	18	18.7		17.1	15.9	15.7			

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	OLD3855D OLD-38-55D_20080728 20080728	OLD3855D OLD-38-55D_20080924 20080924	OLD3855D OLD-38-55D-1525 20081215	OLD3855D OLD-38-55D-1520 20090312	OLD3855D OLD-SA38-55D_20090605 20090605	OLD3856C NTC38G56C08152007 20070815	OLD3856C NTC38G56C08152007-D 20070815	OLD3856C OLD-38-56C_20071211 20071211	OLD3856C OLD-38-56C_20071211-D 20071211	OLD3856C OLD-38-56C_20080323 20080323	OLD3856C OLD-38-56C_20080323-D 20080323	OLD3856C OLD-38-56C_20080728 20080728	OLD3856C OLD-38-56C_20080925 20080925	OLD3856C OLD-38-56C-0945 20081216
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3			1 U	1 U	1 U			0.236 U	0.236 U	0.236 U	0.236 U			1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	1 U	1 U	1 U	1 U	1 U	0.29 U	0.29 U	0.424 U	0.424 U	0.424 U	0.424 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	1 U	1 U	1 U	1 U	1 U	0.37 U	0.37 U	0.226 U	0.226 U	0.226 U	0.226 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	79-00-5	5	1 U	1 U	1 U	1 U	1 U	0.3 U	0.3 U	0.312 U	0.312 U	0.312 U	0.312 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	1 U	1 U	1 U	1 U	1 U	0.25 U	0.25 U	0.388 U	0.388 U	0.388 U	0.388 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	1 U	1 U	1 U	1 U	1 U	0.23 U	0.23 U	0.899 U	0.899 U	0.899 U	0.899 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC			1 U	1 U	1 U			0.404 U	0.404 U	0.404 U	0.404 U			1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70			1 U	1 U	1 U			0.981 U	0.981 U	0.981 U	0.981 U			1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02			2 U	2 U	2 U			0.29 U	0.29 U	0.29 U	0.29 U			2 U
1,2,4-TRICHLOROBENZENE	120-82-1	70			1 U	1 U	1 U			0.73 U	0.73 U	0.73 U	0.73 U			1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**			0.46 I	0.52 I	0.34 I			0.516 U	0.516 U	0.516 U	0.516 U			2 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2			2 U	2 U	2 U			1.63 U	1.63 U	1.63 U	1.63 U			2 U
1,2-DIBROMOETHANE	106-93-4	0.02			1 U	1 U	1 U			0.363 U	0.363 U	0.363 U	0.363 U			1 U
1,2-DICHLOROBENZENE	95-50-1	600			1 U	1 U	1 U			0.394 U	0.394 U	0.394 U	0.394 U			1 U
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.989 U	0.989 U	0.989 U	0.989 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	1 U	1 U	1 U	1 U	1 U	0.25 U	0.25 U	0.563 U	0.563 U	0.563 U	0.563 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10			2 U	2 U	2 U			0.416 U	0.416 U	0.416 U	0.416 U			2 U
1,3-DICHLOROBENZENE	541-73-1	210			1 U	1 U	1 U			0.502 U	0.502 U	0.502 U	0.502 U			1 U
1,3-DICHLOROPROPANE	142-28-9	NC			1 U	1 U	1 U			0.28 U	0.28 U	0.28 U	0.28 U			1 U
1,4-DICHLOROBENZENE	106-46-7	75			1 U	1 U	1 U			0.412 U	0.412 U	0.412 U	0.412 U			1 U
2,2-DICHLOROPROPANE	594-20-7	NC			1 U	1 U	1 U			0.795 U	0.795 U	0.795 U	0.795 U			1 U
2-BUTANONE	78-93-3	4200	6.4	5 U	5 U	5 U	5 U	2 U	2 U	1.64 U	1.64 U	1.64 U	1.64 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC			5 U	5 U	5 U									5 U
2-CHLOROTOLUENE	95-49-8	140			1 U	1 U	1 U			0.661 U	0.661 U	0.661 U	0.661 U			1 U
2-HEXANONE	591-78-6	280	10 U	10 U	10 U	10 U	10 U	2.9 U	2.9 U	0.935 U	0.935 U	0.935 U	0.935 U	10 U	10 U	10 U
4-CHLOROTOLUENE	106-43-4	140			1 U	1 U	1 U			0.357 U	0.357 U	0.357 U	0.357 U			1 U
4-ISOPROPYLTOLUENE	99-87-6	NC			1 U	1 U	1 U			0.303 U	0.303 U	0.303 U	0.303 U			1 U
4-METHYL-2-PENTANONE	108-10-1	560	5 U	5 U	5 U	5 U	5 U	2.2 U	2.2 U	0.323 U	0.323 U	0.323 U	0.323 U	5 U	5 U	5 U
ACETONE	67-64-1	6300	25 U	18.1 I	25 U	25 U	25 U	10 U	10 U	1.18 U	1.18 U	1.18 U	1.18 U	25 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**			20 U	20 U	20 U									20 U
ACRYLONITRILE	107-13-1	0.06			10 U	10 U	10 U									10 U
BENZENE	**71-43-2**	**1**	14.6	7.2	2.3	0.85 I	0.64 I	0.2 U	0.2 U	0.305 U	0.305 U	0.305 U	0.305 U	1 U	1 U	1 U
BROMOBENZENE	108-86-1	NC			1 U	1 U	1 U			0.536 U	0.536 U	0.536 U	0.536 U			1 U
BROMOCHLOROMETHANE	74-97-5	91			1 U	1 U	1 U			0.899 U	0.899 U	0.899 U	0.899 U			1 U
BROMODICHLOROMETHANE	75-27-4	0.6	1 U	1 U	1 U	1 U	1 U	0.29 U	0.29 U	0.452 U	0.452 U	0.452 U	0.452 U	1 U	1 U	1 U
BROMOFORM	75-25-2	4.4	1 U	1 U	1 U	1 U	1 U	0.28 U	0.28 U	0.494 U	0.494 U	0.494 U	0.494 U	1 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	2 U	2 U	2 U	2 U	2 U	0.54 U	0.54 U	1.42 U	1.42 U	1.42 U	1.42 U	2 U	2 U	2 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	2 U	2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2 U	2 U
CARBON TETRACHLORIDE	56-23-5	3	1 U	1 U	1 U	1 U	1 U	0.29 U	0.29 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.182 U	0.182 U	0.182 U	0.182 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	124-48-1	0.4	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.374 U	0.374 U	0.374 U	0.374 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	2 U	2 U	2 U	2 U	2 U	0.46 U	0.46 U	1.01 U	1.01 U	1.01 U	1.01 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	1 U	0.29 I	1 U	1 U	1 U	0.21 U	0.21 U	0.554 U	0.554 U	0.554 U	0.554 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	2 U	2 U	0.59 J	0.38 U	0.576 U	0.576 U	0.576 U	0.576 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	1 U	0.28 U	0.28 U	0.39 J	0.48 J	0.369 U	0.369 U	0.25 I	1 U	0.29 I
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	1 U	1 U	1 U	1 U	1 U	0.24 U	0.24 U	0.465 U	0.465 U	0.465 U	0.465 U	1 U	1 U	1 U
DIBROMOMETHANE	74-95-3	70			2 U	2 U	2 U			0.261 U	0.261 U	0.261 U	0.261 U			2 U
DICHLORODIFLUOROMETHANE	75-71-8	1400			2 U	2 U	2 U			0.844 U	0.844 U	0.844 U	0.844 U			2 U
ETHYLBENZENE	**100-41-4**	**30**	23.3	6.5	4.1	1.6	1 U	0.2 U	0.2 U	0.338 U	0.338 U	0.338 U	0.338 U	1 U	1 U	1 U
HEXACHLOROBUTADIENE	87-68-3	0.4			2 U	2 U	2 U			1.2 U	1.2 U	1.2 U	1.2 U			2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**			1.5	0.96 I	0.5 I			0.365 U	0.365 U	0.365 U	0.365 U			1 U
M+P-XYLENES	TTNUS054	NC			2 U	2 U	1.1 I									2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**			0.47 I	1 U	1 U	0.6 J	0.59 J	0.5 J	0.48 J	0.37 J	0.42 J			1 U
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	13.6	5 U	5 U	5 U	1 U	1 U	0.834 U	0.834 U	0.834 U	0.834 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC			3.7	3.5	8.1			0.319 U	0.319 U	0.319 U	0.319 U			1 U
N-PROPYLBENZENE	103-65-1	NC			5	2.6	1.1			0.669 U	0.669 U	0.669 U	0.669 U			1 U
NAPHTHALENE	**91-20-3**	**14**			125 L	57.9	52.4	0.44 U	0.44 U	0.452 U	0.452 U	0.452 U	0.452 U			5 U
O-XYLENE	95-47-6	NC			1 U	1 U	1 U									1 U
SEC-BUTYLBENZENE	135-98-8	NC			1.8	1.7	0.93 I			0.539 U	0.539 U	0.539 U	0.539 U			1 U
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.203 U	0.203 U	0.203 U	0.203 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC			1 U	1 U	1 U			0.776 U	0.776 U	0.776 U	0.776 U			1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	1 U	0.25 U	0.25 U	0.381 U	0.381 U	0.381 U	0.381 U	1 U	1 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	1 U	1 U	0.27 U	0.27 U	0.257 U	0.257 U	0.257 U	0.257 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	3 U	3 U				0.56 U	0.56 U	0.433 U	0.433 U	0.433 U	0.433 U	3 U	3 U	
TRANS-1,2-DICHLOROETHENE	156-60-5	100	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	0.244 U	0.244 U	0.244 U	0.244 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	1 U	1 U	1 U	1 U	1 U	0.21 U	0.21 U	0.229 U	0.229 U	0.229 U	0.229 U	1 U	1 U	1 U
TRICHLOROETHENE	79-01-6	3	0.4 I	1 U	1 U	1 U	1 U	0.38 U	0.38 U	0.574 U	0.574 U	0.574 U	0.574 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	75-69-4	2100			2 U	2 U	2 U			0.672 U	0.672 U	0.672 U	0.672 U			2 U
VINYL ACETATE	108-05-4	88			10 U	10 U	10 U									10 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	1 U	1 U	0.34 U	0.34 U	0.986 U	0.986 U	0.986 U	0.986 U	1 U	1 U	1 U
Volatile Gases (ug/L)																
ETHANE	74-84-0	NC														
ETHENE	74-85-1	NC														
METHANE	74-82-8	NC								97		111		66.6	32.5	18.4
Petroleum Hydrocarbons (mg/L)																
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.576	0.619	0.399	0.362	0.319	0.17 U	0.17 U	0.083 J	0.043 J	0.018 U	0.018 U	0.24 U	0.24 U	0.25 U
Miscellaneous Parameters																
HYDROGEN (NM)	1333-74-0	NC						430		2		2.6				
NITRATE-N (MG/L)	TTNUS495	10						0.05 U		0.0092 U		0.0092 U		0.1 U	0.1 U	0.1 U
NITRITE-N (MG/L)	TTNUS496	1						0.05 U		0.0075 U		0.0075 U		0.1 U	0.1 U	0.1 U
SULFATE (MG/L)	14808-79-8	250						52.9		19.7		24.5		26.1	25.6	26.5

LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	OLD3856C OLD-38-56C-1445 20090312	OLD3856C OLD-38-56C_20090608 20090608	OLD3856C OLD-38-56C_20090608-D 20090608	OLD3857A NTC38G57A08142007 20070814	OLD3858A1 NTC38G58A108142007 20070814	OLD3858C1 NTC38G58C108152007 20070815	OLD3858C1 OLD-38-58_C-1_20071211 20071211	OLD3858C1 OLD-38-58-C1_20080323 20080323	OLD3858C1 OLD-38-58-C1_20080729 20080729	OLD3858C1 OLD-38-58-C1_20080925 20080925	OLD3858C1 OLD-38-58(C-1)-1000 20081216	OLD3858C1 OLD-38-58C-1-1125 20090312	OLD3858C1 OLD-38-58-(C1)_20090608 20090608	OLD3858C2 NTC38G58C208142007 20070814
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	1 U	1 U	1 U				0.236 U	0.236 U			1 U	1 U	1 U	
1,1,1-TRICHLOROETHANE	71-55-6	200	1 U	1 U	1 U	0.29 U	0.29 U	0.29 U	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	1.5 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	1 U	1 U	1 U	0.37 U	0.37 U	0.37 U	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	1.9 U
1,1,2-TRICHLOROETHANE	79-00-5	5	1 U	1 U	1 U	0.3 U	0.3 U	0.3 U	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	1.5 U
1,1-DICHLOROETHANE	75-34-3	70	1 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	1.3 U
1,1-DICHLOROETHENE	75-35-4	7	1 U	1 U	1 U	0.23 U	0.23 U	0.23 U	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	1.2 U
1,1-DICHLOROPROPENE	563-58-6	NC	1 U	1 U	1 U				0.404 U	0.404 U			1 U	1 U	1 U	
1,2,3-TRICHLOROBENZENE	87-61-6	70	1 U	1 U	1 U				0.981 U	0.981 U			1 U	1 U	1 U	
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	2 U	2 U	2 U				0.29 U	0.29 U			2 U	2 U	2 U	
1,2,4-TRICHLOROBENZENE	120-82-1	70	1 U	1 U	1 U				0.73 U	0.73 U			1 U	1 U	1 U	
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	2 U	2 U	2 U				0.516 U	0.516 U			2 U	2 U	2 U	
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	2 U	2 U	2 U				1.63 U	1.63 U			2 U	2 U	2 U	
1,2-DIBROMOETHANE	106-93-4	0.02	1 U	1 U	1 U				0.363 U	0.363 U			1 U	1 U	1 U	
1,2-DICHLOROBENZENE	95-50-1	600	1 U	1 U	1 U				0.394 U	0.394 U			1 U	1 U	1 U	
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	1 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	1.3 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	2 U	2 U	2 U				0.416 U	0.416 U			2 U	2 U	2 U	
1,3-DICHLOROBENZENE	541-73-1	210	1 U	1 U	1 U				0.502 U	0.502 U			1 U	1 U	1 U	
1,3-DICHLOROPROPANE	142-28-9	NC	1 U	1 U	1 U				0.28 U	0.28 U			1 U	1 U	1 U	
1,4-DICHLOROBENZENE	106-46-7	75	1 U	1 U	1 U				0.412 U	0.412 U			1 U	1 U	1 U	
2,2-DICHLOROPROPANE	594-20-7	NC	1 U	1 U	1 U				0.795 U	0.795 U			1 U	1 U	1 U	
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	2 U	2 U	2 U	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	10 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC	5 U	5 U	5 U								5 U	5 U	5 U	
2-CHLOROTOLUENE	95-49-8	140	1 U	1 U	1 U				0.661 U	0.661 U			1 U	1 U	1 U	
2-HEXANONE	591-78-6	280	10 U	10 U	10 U	2.9 U	2.9 U	2.9 U	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	14 U
4-CHLOROTOLUENE	106-43-4	140	1 U	1 U	1 U				0.357 U	0.357 U			1 U	1 U	1 U	
4-ISOPROPYLTOLUENE	99-87-6	NC	1 U	1 U	1 U				0.303 U	0.303 U			1 U	1 U	1 U	
4-METHYL-2-PENTANONE	108-10-1	560	5 U	5 U	5 U	2.2 U	2.2 U	2.2 U	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	11 U
ACETONE	67-64-1	6300	25 U	25 U	25 U	10 U	10 U	10 U	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	50 U
ACROLEIN	**107-02-8**	**3.5**	20 U	20 U	20 U								20 U	20 U	20 U	
ACRYLONITRILE	107-13-1	0.06	10 U	10 U	10 U								10 U	10 U	10 U	
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	0.2 U	0.85 J	2 J	0.73 J	0.305 U	1 U	1 U	1 U	1 U	1 U	311
BROMOBENZENE	108-86-1	NC	1 U	1 U	1 U				0.536 U	0.536 U			1 U	1 U	1 U	
BROMOCHLOROMETHANE	74-97-5	91	1 U	1 U	1 U				0.899 U	0.899 U			1 U	1 U	1 U	
BROMODICHLOROMETHANE	75-27-4	0.6	1 U	1 U	1 U	0.29 U	0.29 U	0.29 U	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	1.5 U
BROMOFORM	75-25-2	4.4	1 U	1 U	1 U	0.28 U	0.28 U	0.28 U	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	1.4 U
BROMOMETHANE	74-83-9	9.8	2 U	2 U	2 U	0.54 U	0.54 U	0.54 U	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U	2.7 U
CARBON DISULFIDE	75-15-0	700	2 U	2 U	2 U	0.2 U	0.2 U	0.49 J	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U
CARBON TETRACHLORIDE	56-23-5	3	1 U	1 U	1 U	0.29 U	0.29 U	0.29 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	1.5 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	0.2 U	0.2 U	0.2 UJ	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	124-48-1	0.4	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	2 U	2 U	2 U	0.46 U	0.46 U	0.46 U	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	2.3 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	0.21 U	0.21 U	0.21 U	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	1.5 J
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	0.38 U	0.38 U	0.38 U	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	1.9 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.25 I	1 U	0.25 I	0.28 U	0.28 U	0.28 U	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	1.4 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	1 U	1 U	1 U	0.24 U	0.24 U	0.24 U	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	1.2 U
DIBROMOMETHANE	74-95-3	70	2 U	2 U	2 U				0.261 U	0.261 U			2 U	2 U	2 U	
DICHLORODIFLUOROMETHANE	75-71-8	1400	2 U	2 U	2 U				0.844 U	0.844 U			2 U	2 U	2 U	
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	0.2 U	0.2 U	0.3 J	0.36 J	0.338 U	1 U	1 U	1 U	1 U	1 U	45.1
HEXACHLOROBUTADIENE	87-68-3	0.4	2 U	2 U	2 U				1.2 U	1.2 U			2 U	2 U	2 U	
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1 U	1 U	1 U				0.365 U	0.365 U			1 U	1 U	1 U	
M+P-XYLENES	TTNUS054	NC	2 U	2 U	2 U								2 U	2 U	2 U	
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	0.31 I	0.41 I	0.39 I	0.25 U	0.25 U	0.25 U	0.336 U	0.336 U			1 U	1 U	1 U	21.6
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	5 U	1 U	1 U	1 U	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	5 U
N-BUTYLBENZENE	104-51-8	NC	1 U	1 U	1 U				0.319 U	0.319 U			1 U	1 U	1 U	
N-PROPYLBENZENE	103-65-1	NC	1 U	1 U	1 U				0.669 U	0.669 U			1 U	1 U	1 U	
NAPHTHALENE	**91-20-3**	**14**	5 U	5 U	5 U	0.44 U	0.44 U	0.44 UJ	0.452 U	0.452 U			5 U	5 U	5 U	6.3 J
O-XYLENE	95-47-6	NC	1 U	1 U	1 U								1 U	1 U	1 U	
SEC-BUTYLBENZENE	135-98-8	NC	1 U	1 U	1 U				0.539 U	0.539 U			1 U	1 U	1 U	
STYRENE	100-42-5	100	1 U	1 U	1 U	0.2 U	0.2 U	0.2 UJ	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC	1 U	1 U	1 U				0.776 U	0.776 U			1 U	1 U	1 U	
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	0.25 U	0.25 U	0.25 U	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	1.3 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	0.27 U	0.27 U	0.27 UJ	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	1.4 U
TOTAL XYLENES	**1330-20-7**	**20**				0.56 U	0.56 U	0.56 UJ	0.433 U	0.433 U	3 U	3 U				50.3
TRANS-1,2-DICHLOROETHENE	156-60-5	100	1 U	1 U	1 U	0.2 U	0.2 U	0.2 U	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	1 U	1 U	1 U	0.21 U	0.21 U	0.21 U	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	1.1 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	0.38 U	0.38 U	0.38 U	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	1.9 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	2 U	2 U	2 U				0.672 U	0.672 U			2 U	2 U	2 U	
VINYL ACETATE	108-05-4	88	10 U	10 U	10 U								10 U	10 U	10 U	
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	0.34 U	0.34 U	0.34 U	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	1.7 U
Volatile Gases (ug/L)																
ETHANE	74-84-0	NC		1 U	1 U										1 U	
ETHENE	74-85-1	NC		1 U	1 U										1 U	
METHANE	74-82-8	NC	90.1	79	59				4780	3450	2720	1070	3630	2590	4810	
Petroleum Hydrocarbons (mg/L)																
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.24 U	0.24 U	0.24 U	0.17 U	0.16 U	0.17 U	0.018 U	0.018 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.43
Miscellaneous Parameters																
HYDROGEN (NM)	1333-74-0	NC						3.3	2.4	2.1						
NITRATE-N (MG/L)	TTNUS495	10	0.1 U	0.1 U	0.1 U			0.13	0.0092 U	0.0092 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
NITRITE-N (MG/L)	TTNUS496	1	0.1 U	0.1 U	0.1 U			0.05 U	0.0075 U	0.0075 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
SULFATE (MG/L)	14808-79-8	250	22.6	21.8	21.4			59.6	15.6	36.7	22.1	29.8	28.6	17.1	7.5	

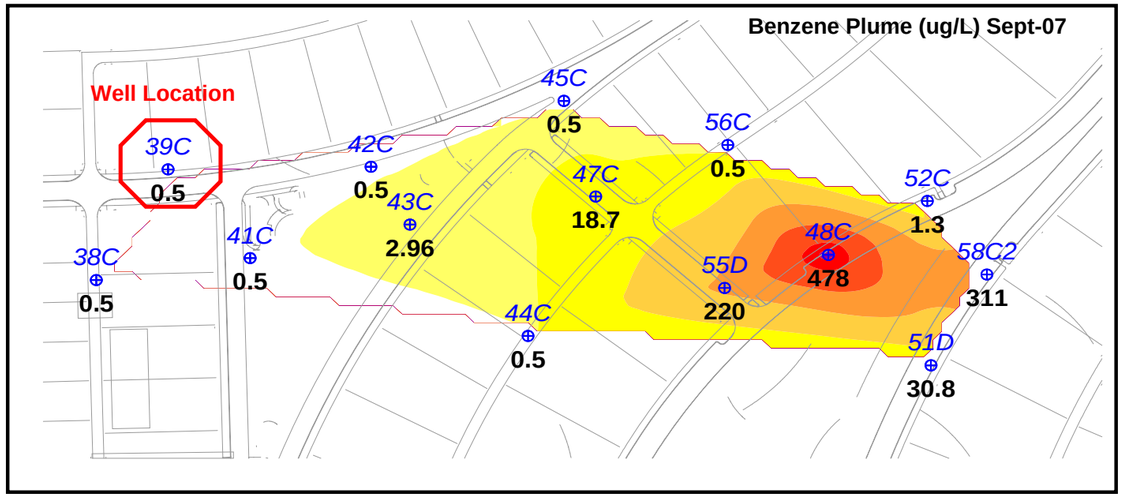
LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	OLD3858C2 OLD-38-58_C-2_20071211 20071211	OLD3858C2 OLD-38-58-C2_20080323 20080323	OLD3858C2 OLD-38-58-C2_20080729 20080729	OLD3858C2 OLD-38-58-C2_20080925 20080925	OLD3858C2 OLD-38-58(C-2)-1115 20081216	OLD3858C2 OLD-38-58C-2-1245 20090312	OLD3858C2 OLD-38-58-(C2)_20090608 20090608	OLD3859C NTC38G59C06182008 20080618	OLD3859C NTC38G59C06182008-D 20080618	OLD3859C OLD-38-59C_20080925 20080925	OLD3859C OLD-38-59C-1155 20081216	OLD3859C OLD-38-59C-0935 20090313	OLD3859C OLD-SA38-59C_20090605 20090605	OLD3860C NTC38G60C06182008 20080618
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3	0.236 U	0.236 U			1 U	1 U	1 U	0.31 U	0.31 U		10 U	10 U	5 U	0.31 U
1,1,1-TRICHLOROETHANE	71-55-6	200	0.424 U	0.424 U	1 U	1 U	1 U	1 U	1 U	0.22 U	0.22 U	10 U	10 U	10 U	5 U	0.22 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	0.226 U	0.226 U	1 U	1 U	1 U	1 U	1 U	0.39 U	0.39 U	10 U	10 U	10 U	5 U	0.39 U
1,1,2-TRICHLOROETHANE	79-00-5	5	0.312 U	0.312 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	10 U	10 U	10 U	5 U	0.2 U
1,1-DICHLOROETHANE	75-34-3	70	0.388 U	0.388 U	1 U	1 U	1 U	1 U	1 U	0.21 U	0.21 U	10 U	10 U	10 U	5 U	0.21 U
1,1-DICHLOROETHENE	75-35-4	7	0.899 U	0.899 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U	10 U	10 U	10 U	5 U	0.5 U
1,1-DICHLOROPROPENE	563-58-6	NC	0.404 U	0.404 U			1 U	1 U	1 U	0.27 U	0.27 U		10 U	10 U	5 U	0.27 U
1,2,3-TRICHLOROBENZENE	87-61-6	70	0.981 U	0.981 U			1 U	1 U	1 U	0.27 U	0.27 U		10 U	10 U	5 U	0.27 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02	0.29 U	0.29 U			2 U	2 U	2 U	0.39 U	0.39 U		20 U	20 U	10 U	0.39 U
1,2,4-TRICHLOROBENZENE	120-82-1	70	0.73 U	0.73 U			1 U	1 U	1 U	0.4 U	0.4 U		10 U	10 U	5 U	0.4 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**	5.11	0.516 U			0.35 I	2 U	0.22 I	0.29 U	0.29 U		20 U	20 U	10 U	0.29 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2	1.63 U	1.63 U			2 U	2 U	2 U	0.5 U	0.5 U		20 U	20 U	10 U	0.5 U
1,2-DIBROMOETHANE	106-93-4	0.02	0.363 U	0.363 U			1 U	1 U	1 U	0.4 U	0.4 U		10 U	10 U	5 U	0.4 U
1,2-DICHLOROBENZENE	95-50-1	600	0.394 U	0.394 U			1 U	1 U	1 U	0.29 U	0.29 U		10 U	10 U	5 U	0.29 U
1,2-DICHLOROETHANE	107-06-2	3	0.989 U	0.989 U	1 U	1 U	1 U	1 U	1 U	0.26 U	0.26 U	10 U	10 U	10 U	5 U	0.26 U
1,2-DICHLOROPROPANE	78-87-5	5	0.563 U	0.563 U	1 U	1 U	1 U	1 U	1 U	0.4 U	0.4 U	10 U	10 U	10 U	5 U	0.4 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10	0.8 J	0.416 U			2 U	2 U	2 U	0.2 U	0.2 U		20 U	20 U	10 U	0.2 U
1,3-DICHLOROBENZENE	541-73-1	210	0.502 U	0.502 U			1 U	1 U	1 U	0.36 U	0.36 U		10 U	10 U	5 U	0.36 U
1,3-DICHLOROPROPANE	142-28-9	NC	0.28 U	0.28 U			1 U	1 U	1 U	0.25 U	0.25 U		10 U	10 U	5 U	0.25 U
1,4-DICHLOROBENZENE	106-46-7	75	0.412 U	0.412 U			1 U	1 U	1 U	0.27 U	0.27 U		10 U	10 U	5 U	0.27 U
2,2-DICHLOROPROPANE	594-20-7	NC	0.795 U	0.795 U			1 U	1 U	1 U	0.32 U	0.32 U		10 U	10 U	5 U	0.32 U
2-BUTANONE	78-93-3	4200	1.64 U	1.64 U	5 U	5 U	5 U	5 U	5 U	1.3 UR	1.3 UR	50 U	50 U	50 U	25 U	1.3 UR
2-CHLOROETHYL VINYL ETHER	110-75-8	NC					5 U	5 U	5 U	0.52 UR	0.52 UR		50 U	50 U	25 U	0.52 UR
2-CHLOROTOLUENE	95-49-8	140	0.661 U	0.661 U			1 U	1 U	1 U	0.24 U	0.24 U		10 U	10 U	5 U	0.24 U
2-HEXANONE	591-78-6	280	0.935 U	0.935 U	10 U	10 U	10 U	10 U	10 U	0.5 U	0.5 U	100 U	100 U	100 U	50 U	0.5 U
4-CHLOROTOLUENE	106-43-4	140	0.357 U	0.357 U			1 U	1 U	1 U	0.27 U	0.27 U		10 U	10 U	5 U	0.27 U
4-ISOPROPYLTOLUENE	99-87-6	NC	0.303 U	0.303 U			1 U	1 U	1 U	0.2 U	0.2 U		10 U	10 U	5 U	0.2 U
4-METHYL-2-PENTANONE	108-10-1	560	0.323 U	0.323 U	5 U	5 U	5 U	5 U	5 U	0.67 UR	0.67 UR	50 U	50 U	50 U	25 U	0.67 UR
ACETONE	67-64-1	6300	1.18 U	1.18 U	25 U	25 U	25 U	25 U	25 U	1.5 U	1.5 U	250 U	250 U	118 I	130 U	1.5 U
ACROLEIN	**107-02-8**	**3.5**					20 U	20 U	20 U	10 UR	10 UR		200 U	200 U	100 U	10 UR
ACRYLONITRILE	107-13-1	0.06					10 U	10 U	10 U	3.8 U	3.8 U		100 U	100 U	50 U	3.8 U
BENZENE	**71-43-2**	**1**	146	7.6	62.2	39.8	42.9	26	12.4	430	430	537	782	463	257	0.46 J
BROMOBENZENE	108-86-1	NC	0.536 U	0.536 U			1 U	1 U	1 U	0.32 U	0.32 U		10 U	10 U	5 U	0.32 U
BROMOCHLOROMETHANE	74-97-5	91	0.899 U	0.899 U			1 U	1 U	1 U	0.43 U	0.43 U		10 U	10 U	5 U	0.43 U
BROMODICHLOROMETHANE	75-27-4	0.6	0.452 U	0.452 U	1 U	1 U	1 U	1 U	1 U	0.25 U	0.25 U	10 U	10 U	10 U	5 U	0.25 U
BROMOFORM	75-25-2	4.4	0.494 U	0.494 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	10 U	10 U	10 U	5 U	0.2 U
BROMOMETHANE	74-83-9	9.8	1.42 U	1.42 U	2 U	2 U	2 U	2 U	2 U	0.4 U	0.4 U	20 U	20 U	20 U	10 U	0.4 U
CARBON DISULFIDE	75-15-0	700	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1.2 J	1.1 J	20 U	20 U	20 U	10 U	1.9 J
CARBON TETRACHLORIDE	56-23-5	3	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U	0.27 U	0.27 U	10 U	10 U	10 U	5 U	0.27 U
CHLOROBENZENE	108-90-7	100	0.182 U	0.182 U	1 U	1 U	1 U	1 U	1 U	0.28 U	0.28 U	10 U	10 U	10 U	5 U	0.28 U
CHLORODIBROMOMETHANE	124-48-1	0.4	0.374 U	0.374 U	1 U	1 U	1 U	1 U	1 U	0.25 U	0.25 U	10 U	10 U	10 U	5 U	0.25 U
CHLOROETHANE	75-00-3	12	1.01 U	1.01 U	2 U	2 U	2 U	2 U	2 U	0.93 U	0.93 U	20 U	20 U	20 U	10 U	0.93 U
CHLOROFORM	67-66-3	70	0.554 U	0.554 U	1 U	1 U	1 U	1 U	1 U	0.27 U	0.27 U	10 U	10 U	10 U	5 U	0.27 U
CHLOROMETHANE	74-87-3	2.7	0.576 U	0.576 U	2 U	2 U	2 U	2 U	2 U	0.27 U	0.27 U	20 U	20 U	20 U	10 U	0.27 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	0.369 U	0.369 U	1 U	1 U	1 U	1 U	1 U	0.22 U	0.22 U	10 U	10 U	10 U	5 U	0.22 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	0.465 U	0.465 U	1 U	1 U	1 U	1 U	1 U	0.27 U	0.27 U	10 U	10 U	10 U	5 U	0.27 U
DIBROMOMETHANE	74-95-3	70	0.261 U	0.261 U			2 U	2 U	2 U	0.3 U	0.3 U		20 U	20 U	10 U	0.3 U
DICHLORODIFLUOROMETHANE	75-71-8	1400	0.844 U	0.844 U			2 U	2 U	2 U	0.33 U	0.33 U		20 U	20 U	10 U	0.33 U
ETHYLBENZENE	**100-41-4**	**30**	6.15	0.37 J	5.6	1.6	7.6	6.7	9.1	3.6	2.8	10 U	10 U	10 U	5 U	0.25 U
HEXACHLOROBUTADIENE	87-68-3	0.4	1.2 U	1.2 U			2 U	2 U	2 U	0.3 U	0.3 U		20 U	20 U	10 U	0.3 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**	1.28	0.365 U			0.58 I	0.76 I	1	1	0.86 J		10 U	10 U	5 U	0.4 U
M+P-XYLENES	TTNUS054	NC					2 U	2 U	2 U	0.71 U	0.71 U		20 U	20 U	10 U	0.71 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**	11.9	0.6 J			7.5	9.6	4.6	28	25		51.2	35.2	12.4	0.27 U
METHYLENE CHLORIDE	**75-09-2**	**5**	0.834 U	0.834 U	5 U	5 U	5 U	5 U	5 U	0.27 U	0.27 U	36.2 I	50 U	48.7 IV	25 U	0.27 U
N-BUTYLBENZENE	104-51-8	NC	0.319 U	0.319 U			1 U	1 U	1 U	0.26 U	0.26 U		10 U	10 U	5 U	0.26 U
N-PROPYLBENZENE	103-65-1	NC	0.669 U	0.669 U			2	2.1	2.7	1.4	1.2		10 U	10 U	5 U	0.2 U
NAPHTHALENE	**91-20-3**	**14**	5.53	0.452 U			1.1 I	2.6 I	2.8 I	0.27 U	0.27 U		50 U	50 U	25 U	0.27 U
O-XYLENE	95-47-6	NC					1 U	1 U	1 U	0.25 J	0.22 U		10 U	10 U	5 U	0.22 U
SEC-BUTYLBENZENE	135-98-8	NC	0.539 U	0.539 U			1 U	1 U	1 U	0.2 U	0.2 U		10 U	10 U	5 U	0.2 U
STYRENE	100-42-5	100	0.203 U	0.203 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	10 U	10 U	10 U	5 U	0.2 U
TERT-BUTYLBENZENE	98-06-6	NC	0.776 U	0.776 U			1 U	1 U	1 U	0.4 U	0.4 U		10 U	10 U	5 U	0.4 U
TETRACHLOROETHENE	**127-18-4**	**3**	0.381 U	0.381 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	10 U	4.6 I	10 U	5 U	0.2 U
TOLUENE	108-88-3	40	0.257 U	0.257 U	1 U	1 U	1 U	1 U	1 U	0.26 U	0.26 U	10 U	10 U	10 U	5 U	0.26 U
TOTAL XYLENES	**1330-20-7**	**20**	0.433 U	0.433 U	3 U	3 U				0.71 U	0.71 U	30 U				0.71 U
TRANS-1,2-DICHLOROETHENE	156-60-5	100	0.244 U	0.244 U	1 U	1 U	1 U	1 U	1 U	0.43 U	0.43 U	10 U	10 U	10 U	5 U	0.43 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	0.229 U	0.229 U	1 U	1 U	1 U	1 U	1 U	0.2 U	0.2 U	10 U	10 U	10 U	5 U	0.2 U
TRICHLOROETHENE	79-01-6	3	0.574 U	0.574 U	1 U	1 U	1 U	1 U	1 U	0.26 U	0.26 U	10 U	10 U	10 U	5 U	0.26 U
TRICHLOROFLUOROMETHANE	75-69-4	2100	0.672 U	0.672 U			2 U	2 U	2 U	0.26 U	0.26 U		20 U	20 U	10 U	0.26 U
VINYL ACETATE	108-05-4	88					10 U	10 U	10 U	0.26 U	0.26 U		100 U	100 U	50 U	0.26 U
VINYL CHLORIDE	75-01-4	1	0.986 U	0.986 U	1 U	1 U	1 U	1 U	1 U	0.22 U	0.22 U	10 U	10 U	10 U	5 U	0.22 U
Volatile Gases (ug/L)																
ETHANE	74-84-0	NC							1 U							
ETHENE	74-85-1	NC							1 U							
METHANE	74-82-8	NC	3280	94.5	412	460	884	1270	163							
Petroleum Hydrocarbons (mg/L)																
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5	0.076 J	0.018 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.09 J	0.06 J					0.1 J
Miscellaneous Parameters																
HYDROGEN (NM)	1333-74-0	NC	1.7	1.8												
NITRATE-N (MG/L)	TTNUS495	10	0.279	0.139	0.08 I	0.1 U	0.1 U	0.1 U	0.08 I							
NITRITE-N (MG/L)	TTNUS496	1	0.0075 U	0.0075 U	0.1 U	0.1 U	0.081 I	0.1 U	0.1 U							
SULFATE (MG/L)	14808-79-8	250	17.3	21.8	24.9	20.7	12.2	8.5	14.3							

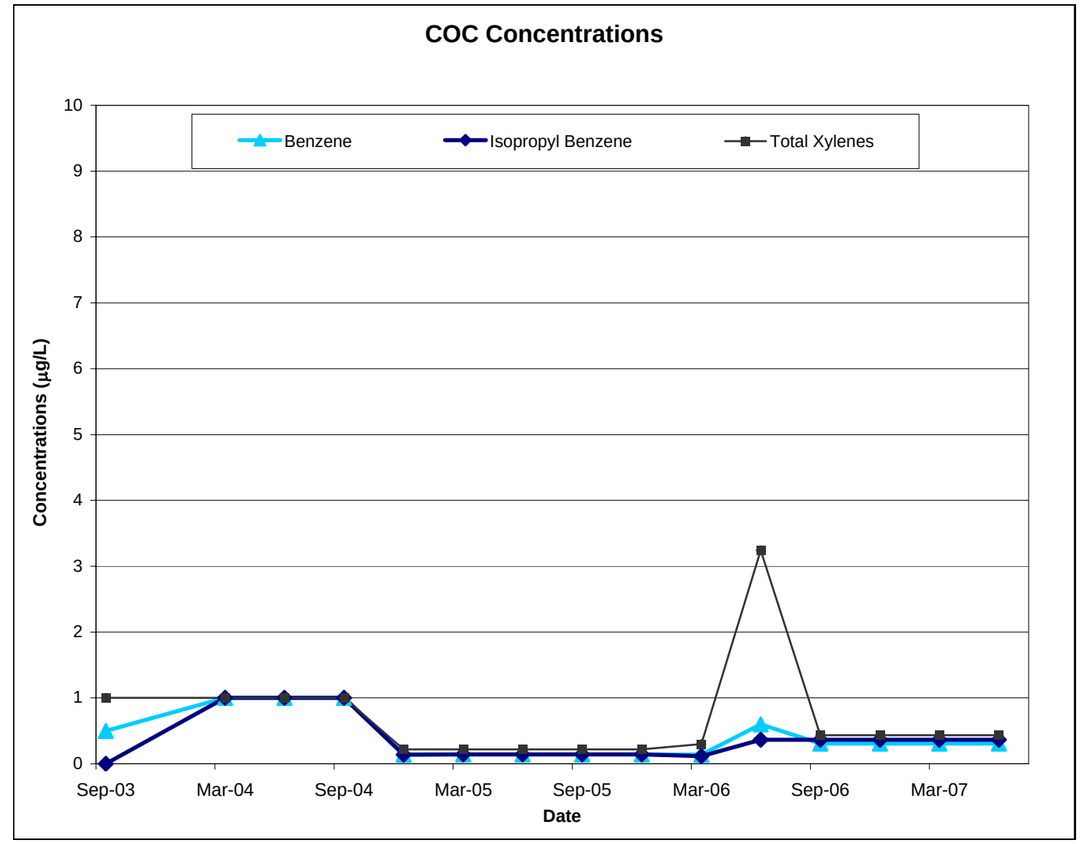
LOCATION SAMPLE ID SAMPLE DATE	CAS	FLORIDA GCTLs	OLD3860C OLD-38-60C_20080925 20080925	OLD3860C OLD-38-60C-1240 20081216	OLD3860C OLD-38-60C-1045 20090313	OLD3860C OLD-SA38-60C_20090605 20090605	OLD3861C NTC38G61C06182008 20080618	OLD3861C OLD-38-61C_20080925 20080925	OLD3861C OLD-38-61C-1229 20081216	OLD3861C OLD-38-61C-1000 20090313	OLD3861C OLD-SA38-61C_20090605 20090605	OLD3862D NTC38G62D06172008 20080617	OLD3862D OLD-38-62D_20080925 20080925	OLD3862D OLD-38-62D-1550 20081216	OLD3862D OLD-38-62D-1015 20090313	OLD3862D OLD-SA38-62D_20090605 20090605
Volatile Organics (ug/L)																
1,1,1,2-TETRACHLOROETHANE	630-20-6	1.3		1 U	1 U	1 U	0.31 U		1 U	1 U	1 U	0.31 U		1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	71-55-6	200	1 U	1 U	1 U	1 U	0.22 U	1 U	1 U	1 U	1 U	0.22 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.2	1 U	1 U	1 U	1 U	0.39 U	1 U	1 U	1 U	1 U	0.39 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	79-00-5	5	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	75-34-3	70	1 U	1 U	1 U	1 U	0.21 U	1 U	1 U	1 U	1 U	0.21 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	75-35-4	7	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	563-58-6	NC		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	87-61-6	70		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	96-18-4	0.02		2 U	2 U	2 U	0.39 U		2 U	2 U	2 U	0.39 U		2 U	2 U	2 U
1,2,4-TRICHLOROBENZENE	120-82-1	70		1 U	1 U	1 U	0.4 U		1 U	1 U	1 U	0.4 U		1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	**95-63-6**	**10**		2 U	2 U	2 U	0.29 U		2 U	2 U	2 U	0.29 U		0.27 I	2 U	2 U
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	0.2		2 U	2 U	2 U	0.5 U		2 U	2 U	2 U	0.5 U		2 U	2 U	2 U
1,2-DIBROMOETHANE	106-93-4	0.02		1 U	1 U	1 U	0.4 U		1 U	1 U	1 U	0.4 U		1 U	1 U	1 U
1,2-DICHLOROBENZENE	95-50-1	600		1 U	1 U	1 U	0.29 U		1 U	1 U	1 U	0.29 U		1 U	1 U	1 U
1,2-DICHLOROETHANE	107-06-2	3	1 U	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	78-87-5	5	1 U	1 U	1 U	1 U	0.4 U	1 U	1 U	1 U	1 U	0.4 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	108-67-8	10		2 U	2 U	2 U	0.2 U		2 U	2 U	2 U	0.2 U		2 U	2 U	2 U
1,3-DICHLOROBENZENE	541-73-1	210		1 U	1 U	1 U	0.36 U		1 U	1 U	1 U	0.36 U		1 U	1 U	1 U
1,3-DICHLOROPROPANE	142-28-9	NC		1 U	1 U	1 U	0.25 U		1 U	1 U	1 U	0.25 U		1 U	1 U	1 U
1,4-DICHLOROBENZENE	106-46-7	75		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U
2,2-DICHLOROPROPANE	594-20-7	NC		1 U	1 U	1 U	0.32 U		1 U	1 U	1 U	0.32 U		1 U	1 U	1 U
2-BUTANONE	78-93-3	4200	5 U	5 U	5 U	5 U	1.3 UR	5 U	5 U	5 U	5 U	1.3 UR	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	110-75-8	NC		5 U	5 U	5 U	0.52 UR		5 U	5 U	5 U	0.52 U		5 U	5 U	5 U
2-CHLOROTOLUENE	95-49-8	140		1 U	1 U	1 U	0.24 U		1 U	1 U	1 U	0.24 U		1 U	1 U	1 U
2-HEXANONE	591-78-6	280	10 U	10 U	10 U	10 U	0.5 U	10 U	10 U	10 U	10 U	0.5 U	10 U	10 U	10 U	10 U
4-CHLOROTOLUENE	106-43-4	140		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U
4-ISOPROPYLTOLUENE	99-87-6	NC		1 U	1 U	1 U	0.2 U		1 U	1 U	1 U	0.2 U		1 U	1 U	1 U
4-METHYL-2-PENTANONE	108-10-1	560	5 U	5 U	5 U	5 U	0.67 UR	5 U	5 U	5 U	5 U	0.67 UR	5 U	5 U	5 U	5 U
ACETONE	67-64-1	6300	25 U	25 U	25 U	25 U	1.5 U	25 U	25 U	25 U	25 U	1.5 U	25 U	25 U	25 U	25 U
ACROLEIN	**107-02-8**	**3.5**		20 U	20 U	20 U	10 UR		20 U	20 U	20 U	10 UR		20 U	8.6 I	20 U
ACRYLONITRILE	107-13-1	0.06		10 U	10 U	10 U	3.8 U		10 U	10 U	10 U	3.8 U		10 U	10 U	10 U
BENZENE	**71-43-2**	**1**	1 U	1 U	1 U	1 U	0.3 U	1 U	1 U	1 U	1 U	16	37.2	12.7	1 U	0.67 I
BROMOBENZENE	108-86-1	NC		1 U	1 U	1 U	0.32 U		1 U	1 U	1 U	0.32 U		1 U	1 U	1 U
BROMOCHLOROMETHANE	74-97-5	91		1 U	1 U	1 U	0.43 U		1 U	1 U	1 U	0.43 U		1 U	1 U	1 U
BROMODICHLOROMETHANE	75-27-4	0.6	1 U	1 U	1 U	1 U	0.25 U	1 U	1 U	1 U	1 U	0.25 U	1 U	1 U	1 U	1 U
BROMOFORM	75-25-2	4.4	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U
BROMOMETHANE	74-83-9	9.8	2 U	2 U	2 U	2 U	0.4 U	2 U	2 U	2 U	2 U	0.4 U	2 U	2 U	2 U	2 U
CARBON DISULFIDE	75-15-0	700	0.42 I	2 U	2 U	2 U	0.22 U	2 U	2 U	2 U	2 U	1 J	2 U	2 U	2 U	2 U
CARBON TETRACHLORIDE	56-23-5	3	1 U	1 U	1 U	1 U	0.27 U	1 U	1 U	1 U	1 U	0.27 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	108-90-7	100	1 U	1 U	1 U	1 U	0.28 U	1 U	1 U	1 U	1 U	0.28 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	124-48-1	0.4	1 U	1 U	1 U	1 U	0.25 U	1 U	1 U	1 U	1 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROETHANE	75-00-3	12	2 U	2 U	2 U	2 U	0.93 U	2 U	2 U	2 U	2 U	0.93 U	2 U	2 U	2 U	2 U
CHLOROFORM	67-66-3	70	1 U	1 U	1 U	1 U	0.27 U	0.64 I	1 U	1 U	1 U	0.27 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	74-87-3	2.7	2 U	2 U	2 U	2 U	0.27 U	2 U	2 U	2 U	2 U	0.27 U	2 U	2 U	2 U	2 U
CIS-1,2-DICHLOROETHENE	156-59-2	70	1 U	1 U	1 U	1 U	0.22 U	1 U	1 U	1 U	1 U	0.22 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	10061-01-5	NC	1 U	1 U	1 U	1 U	0.27 U	1 U	1 U	1 U	1 U	0.27 U	1 U	1 U	1 U	1 U
DIBROMOMETHANE	74-95-3	70		2 U	2 U	2 U	0.3 U		2 U	2 U	2 U	0.3 U		2 U	2 U	2 U
DICHLORODIFLUOROMETHANE	75-71-8	1400		2 U	2 U	2 U	0.33 U		2 U	2 U	2 U	0.33 U		2 U	2 U	2 U
ETHYLBENZENE	**100-41-4**	**30**	1 U	1 U	1 U	1 U	0.25 U	1 U	1 U	1 U	1 U	0.36 J	4	5.7	1 U	1 U
HEXACHLOROBUTADIENE	87-68-3	0.4		2 U	2 U	2 U	0.3 U		2 U	2 U	2 U	0.3 U		2 U	2 U	2 U
ISOPROPYLBENZENE	**98-82-8**	**0.8**		1 U	1 U	1 U	0.4 U		1 U	1 U	1 U	0.4 U		0.91 I	0.46 I	0.54 I
M+P-XYLENES	TTNUS054	NC		2 U	2 U	2 U	0.71 U		2 U	2 U	2 U	0.71 U		2 U	2 U	2 U
METHYL TERT-BUTYL ETHER	**1634-04-4**	**20**		1 U	1 U	1 U	0.27 U		1 U	1 U	1 U	0.88 J		1 U	1 U	1 U
METHYLENE CHLORIDE	**75-09-2**	**5**	5 U	5 U	3.9 IV	5 U	0.27 U	5 U	5 U	3.5 IV	5 U	0.27 U	5 U	5 U	4.1 IV	5 U
N-BUTYLBENZENE	104-51-8	NC		1 U	1 U	1 U	0.26 U		1 U	1 U	1 U	0.26 U		1 U	2	1 U
N-PROPYLBENZENE	103-65-1	NC		1 U	1 U	1 U	0.2 U		1 U	1 U	1 U	0.2 U		1 U	1 U	1 U
NAPHTHALENE	**91-20-3**	**14**		5 U	5 U	5 U	0.27 U		5 U	5 U	5 U	0.27 U		5 U	5 U	5 U
O-XYLENE	95-47-6	NC		1 U	1 U	1 U	0.22 U		1 U	1 U	1 U	0.22 U		1 U	1 U	1 U
SEC-BUTYLBENZENE	135-98-8	NC		1 U	1 U	1 U	0.2 U		1 U	1 U	1 U	0.2 U		1 U	1 U	1 U
STYRENE	100-42-5	100	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	98-06-6	NC		1 U	1 U	1 U	0.4 U		1 U	1 U	1 U	0.4 U		1 U	1 U	1 U
TETRACHLOROETHENE	**127-18-4**	**3**	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U
TOLUENE	108-88-3	40	1 U	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	**1330-20-7**	**20**	3 U				0.71 U	3 U				0.71 U	3 U			
TRANS-1,2-DICHLOROETHENE	156-60-5	100	1 U	1 U	1 U	1 U	0.43 U	1 U	1 U	1 U	1 U	0.43 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	10061-02-6	NC	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U	0.2 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	79-01-6	3	1 U	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U	0.26 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	75-69-4	2100		2 U	2 U	2 U	0.26 U		2 U	2 U	2 U	0.26 U		2 U	2 U	2 U
VINYL ACETATE	108-05-4	88		10 U	10 U	10 U	0.26 U		10 U	10 U	10 U	0.26 U		10 U	10 U	10 U
VINYL CHLORIDE	75-01-4	1	1 U	1 U	1 U	1 U	0.22 U	1 U	1 U	1 U	1 U	0.22 U	1 U	1 U	1 U	1 U
Volatile Gases (ug/L)																
ETHANE	74-84-0	NC														
ETHENE	74-85-1	NC														
METHANE	74-82-8	NC														
Petroleum Hydrocarbons (mg/L)																
TOTAL PETROLEUM HYDROCARBONS	TTNUS001	5					0.048 U					0.08 J				
Miscellaneous Parameters																
HYDROGEN (NM)	1333-74-0	NC														
NITRATE-N (MG/L)	TTNUS495	10														
NITRITE-N (MG/L)	TTNUS496	1														
SULFATE (MG/L)	14808-79-8	250														

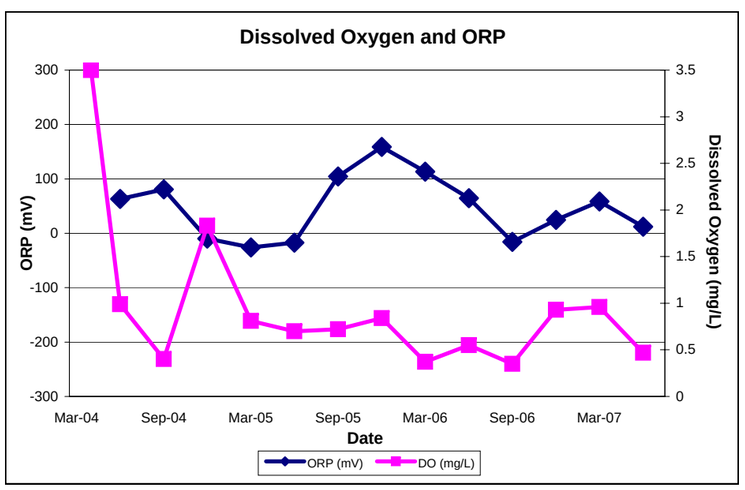
APPDENDIX J

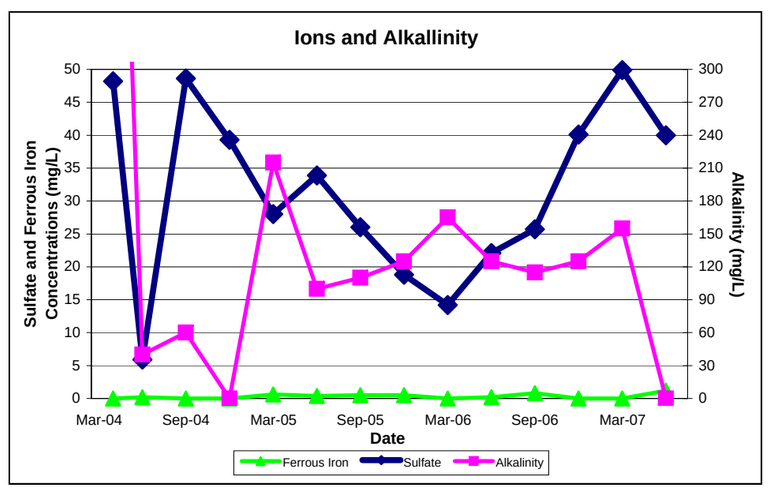
NATURAL ATTENUATION DATA

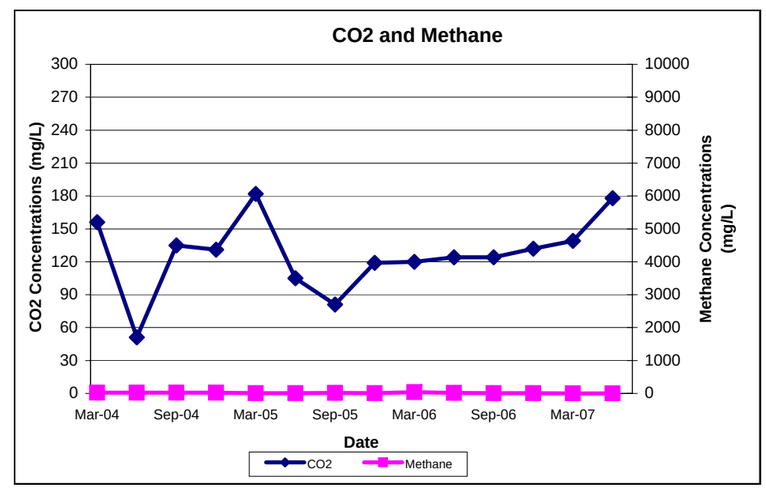
WELL MW-39C
SA 36 NW, NTC ORLANDO, FL



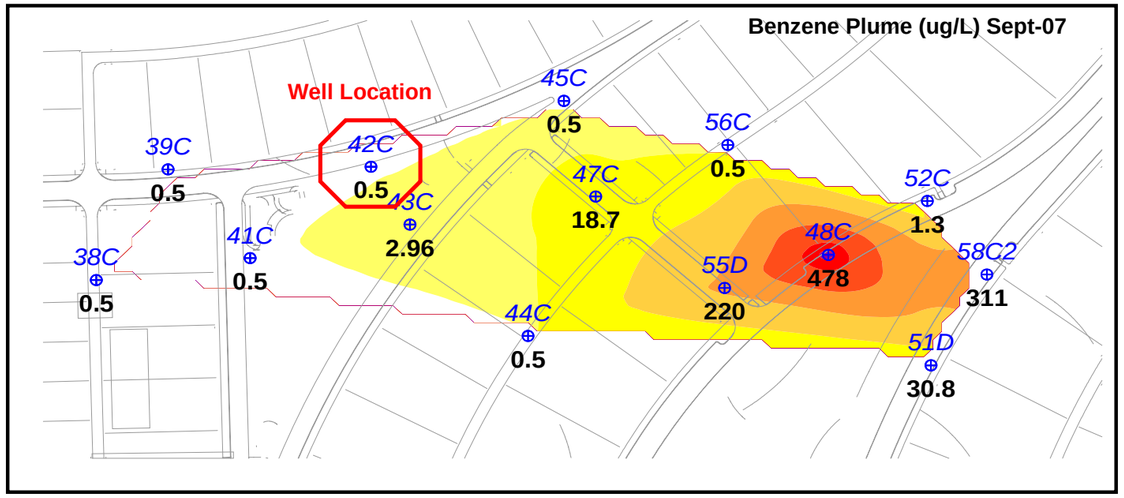


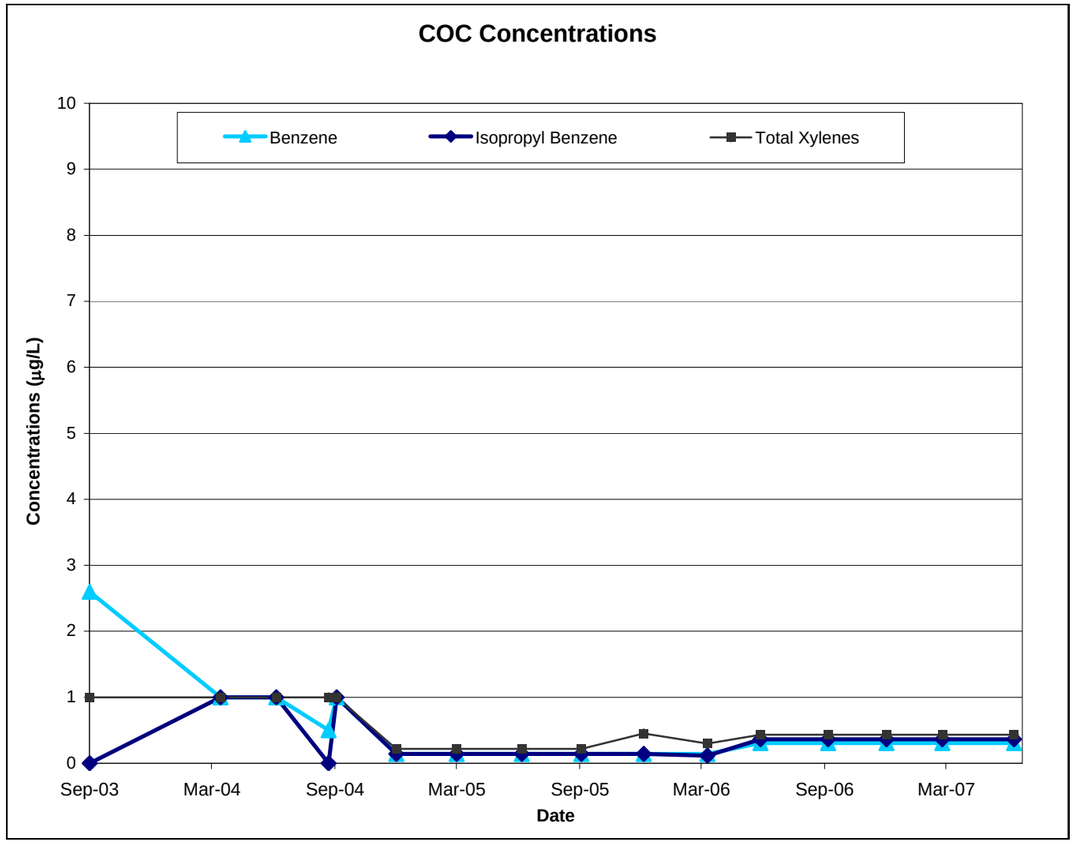


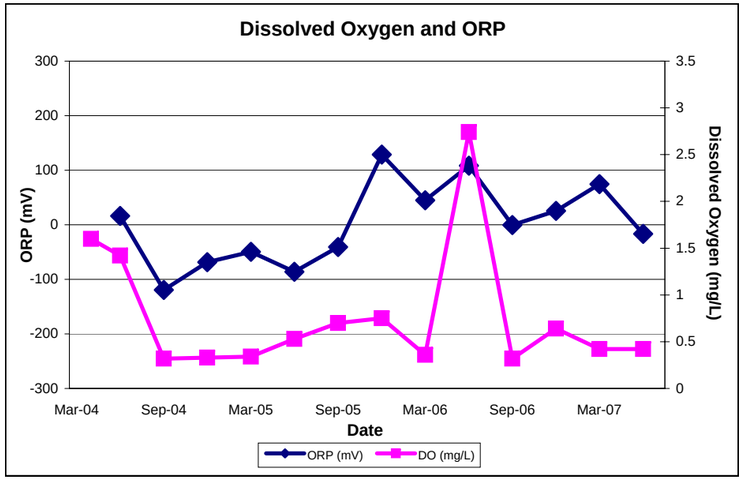


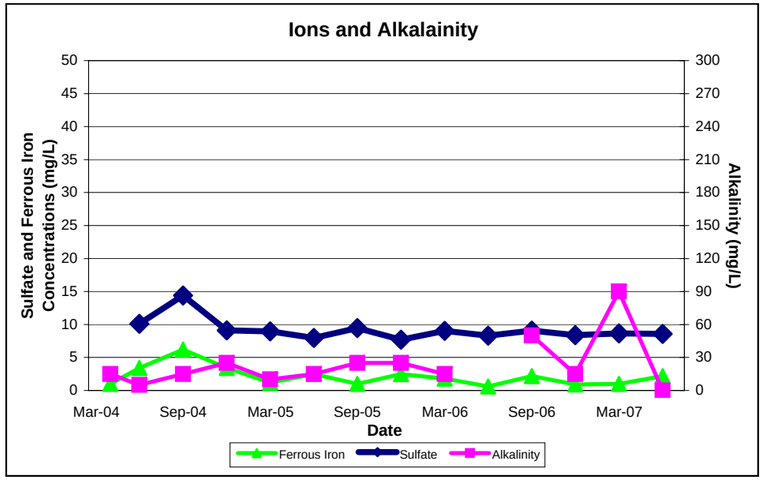


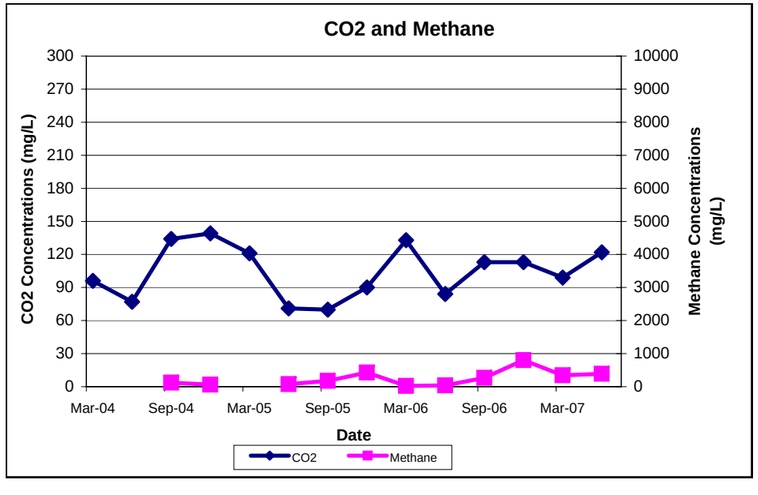
WELL MW-42C
SA 36 NW, NTC ORLANDO, FL



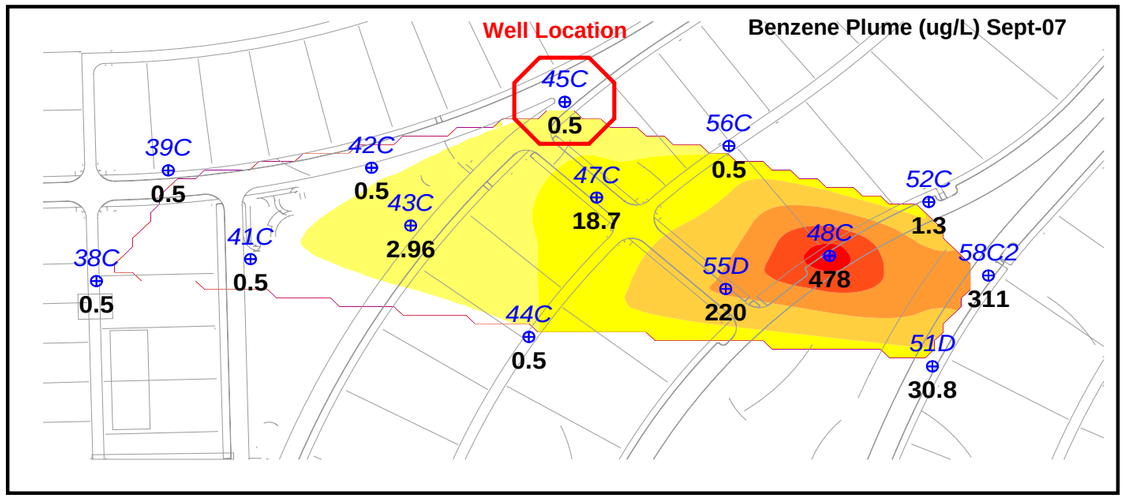


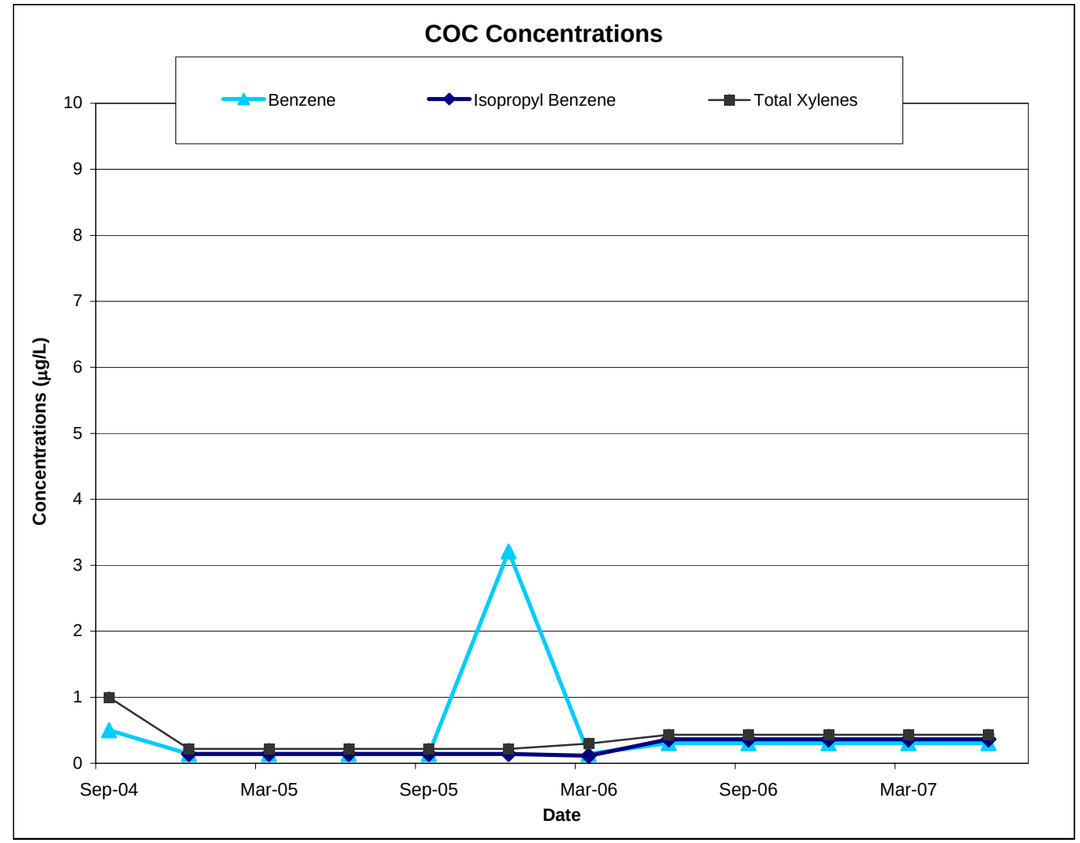


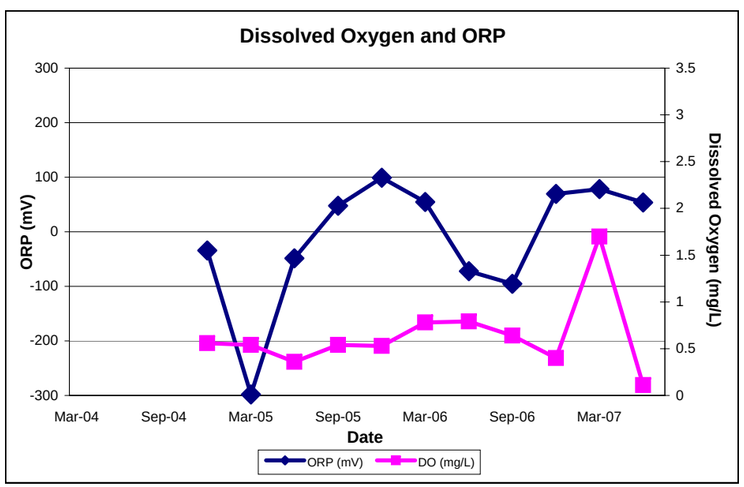


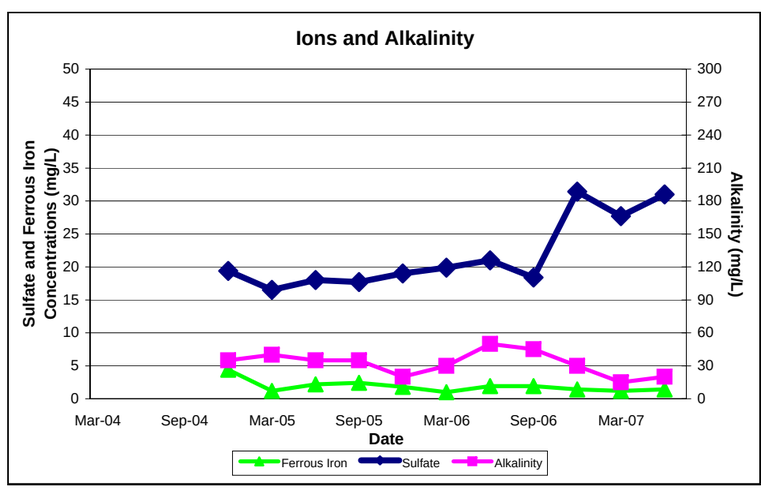


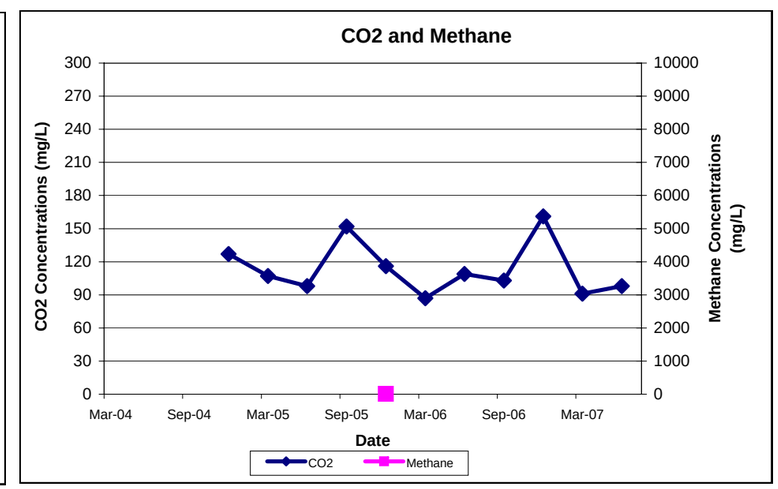
WELL MW-45C
SA 36 NW, NTC ORLANDO, FL



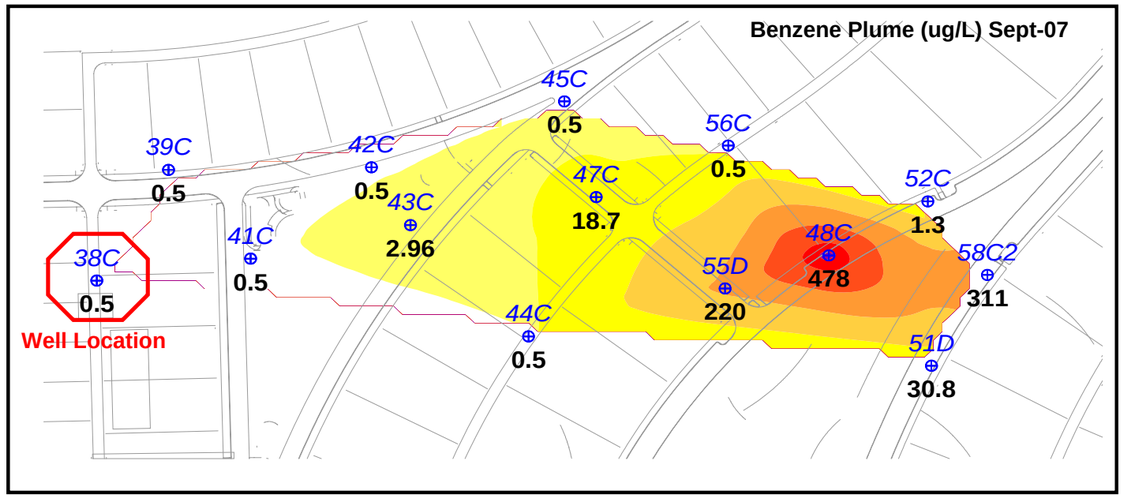


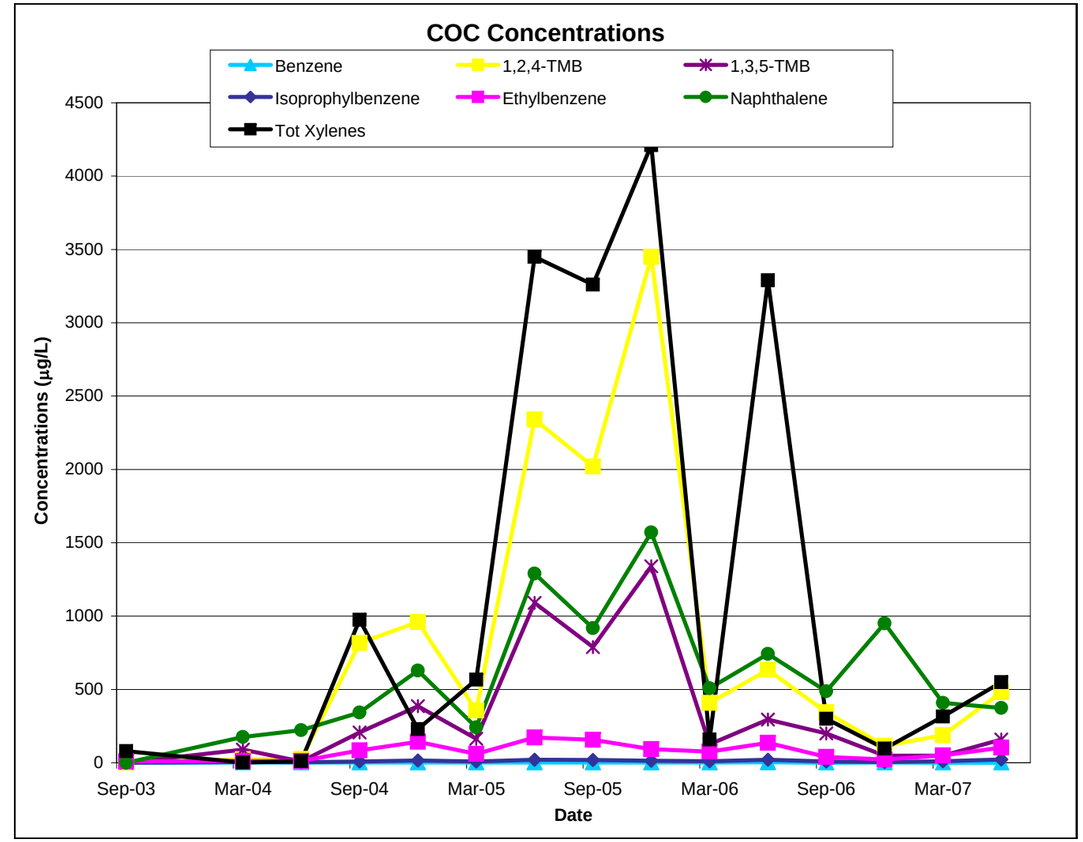


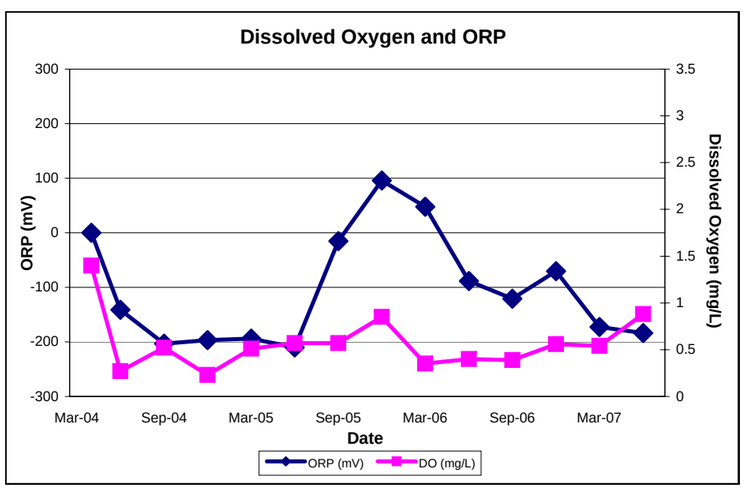


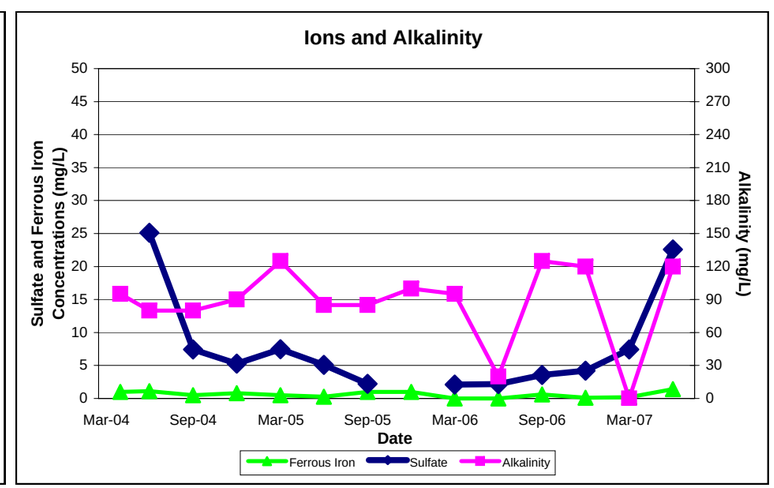


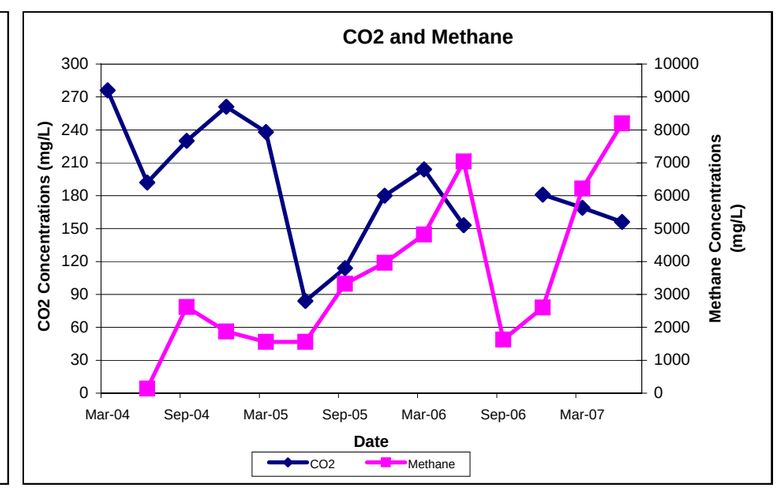
WELL MW-38C
SA 36 NW, NTC ORLANDO, FL



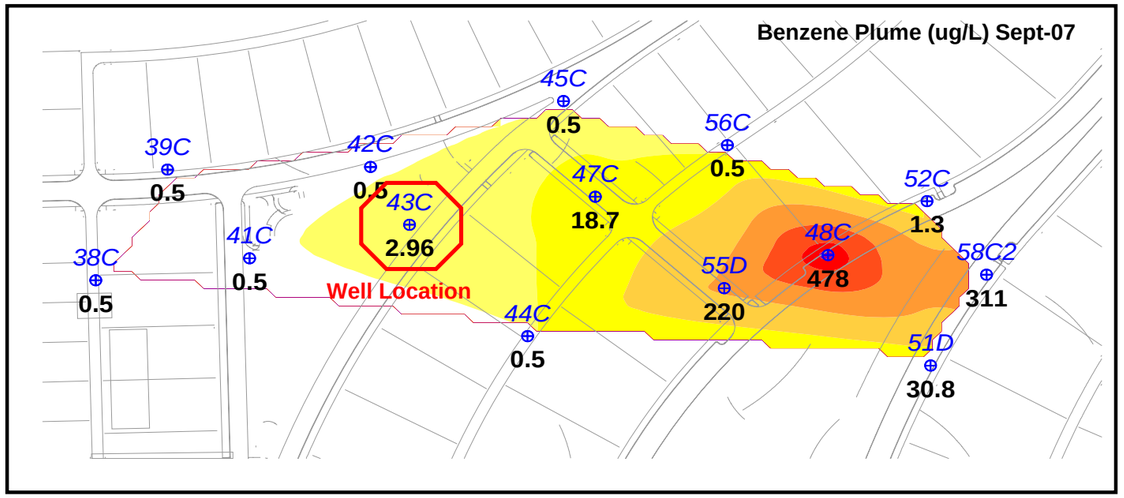


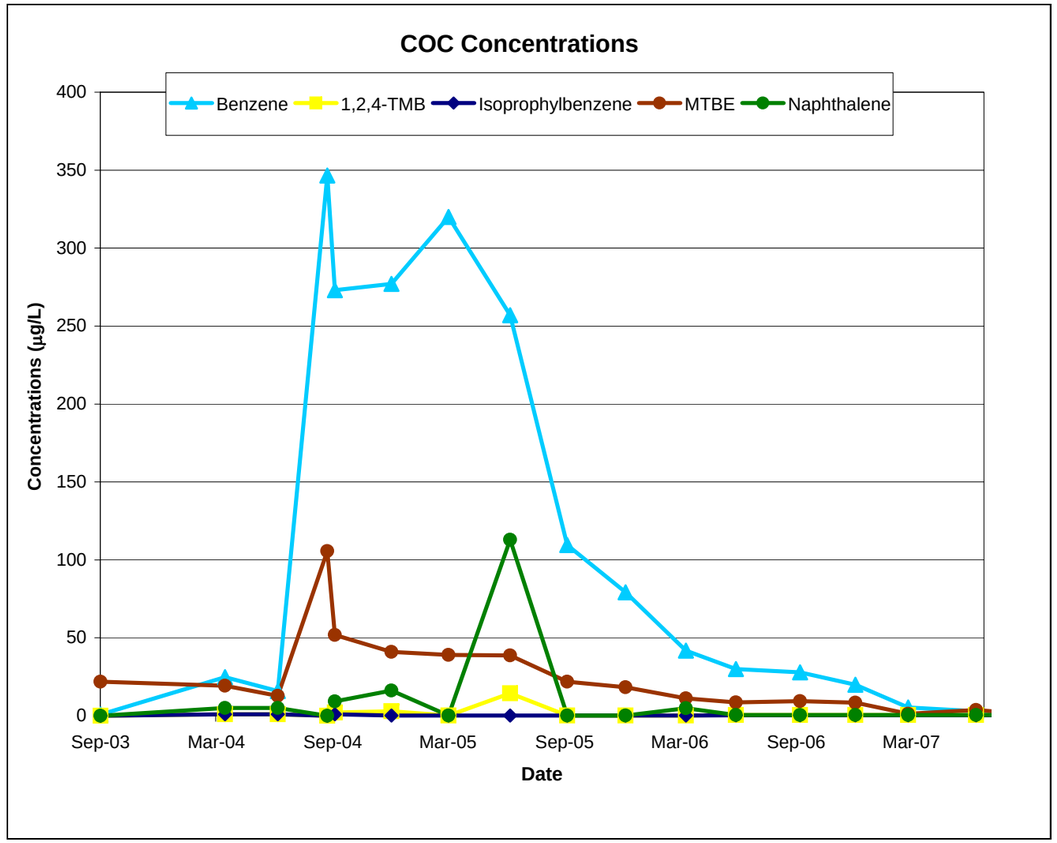


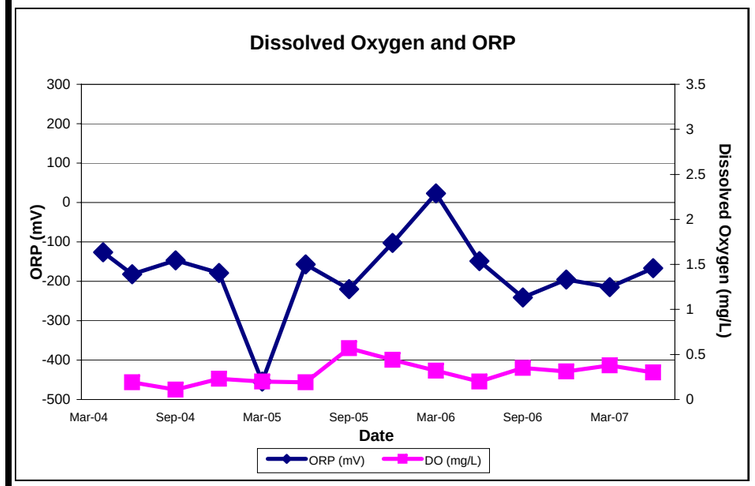


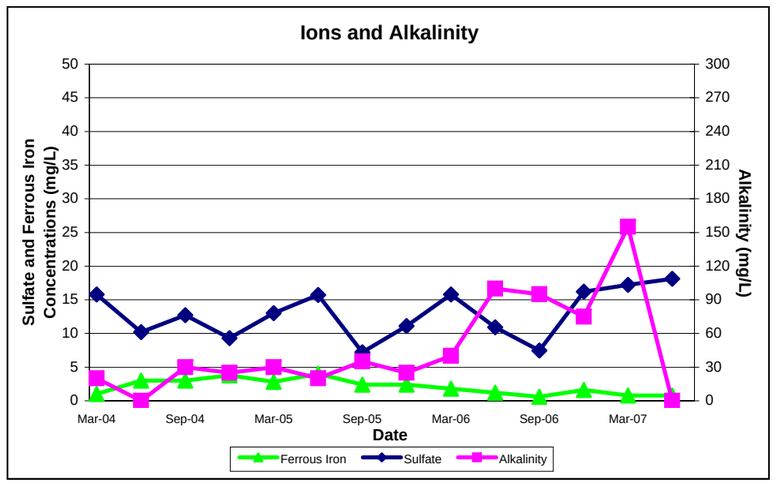


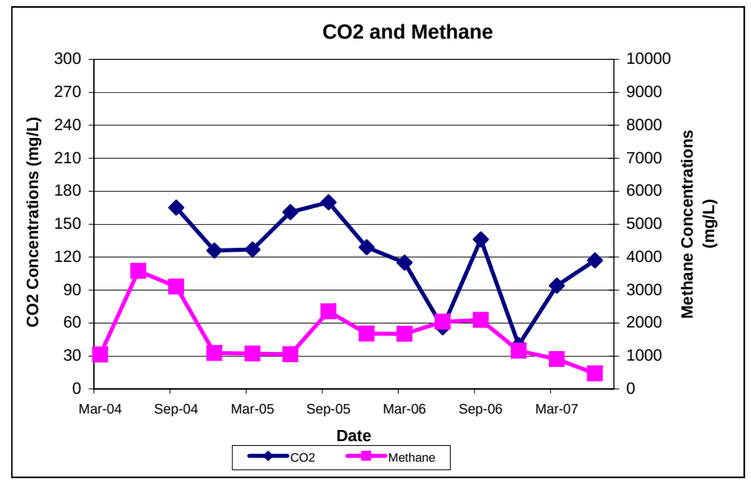
WELL MW-43C
SA 36 NW, NTC ORLANDO, FL



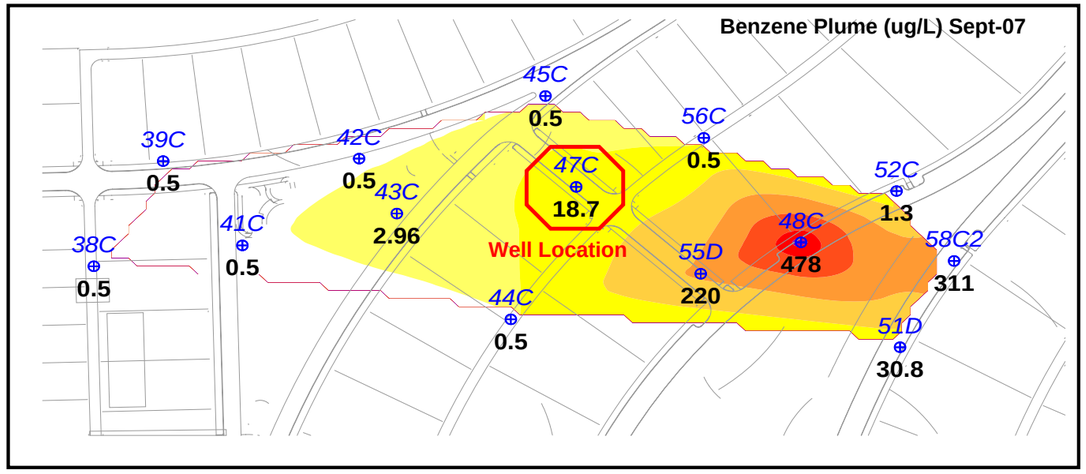


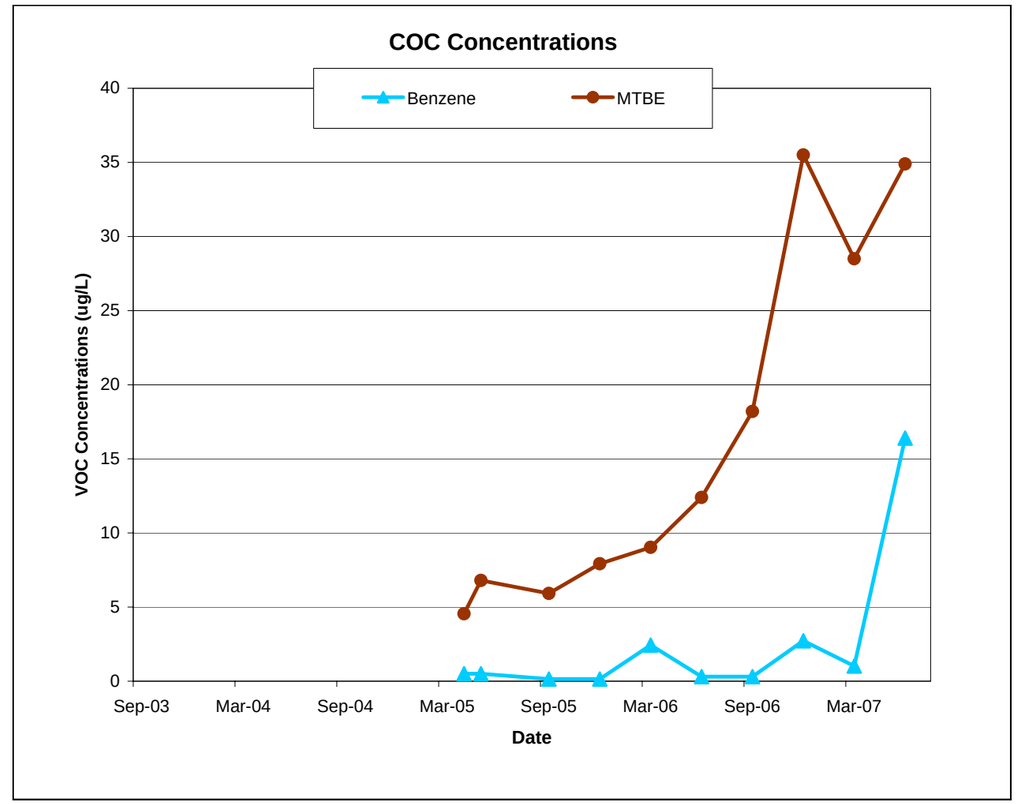


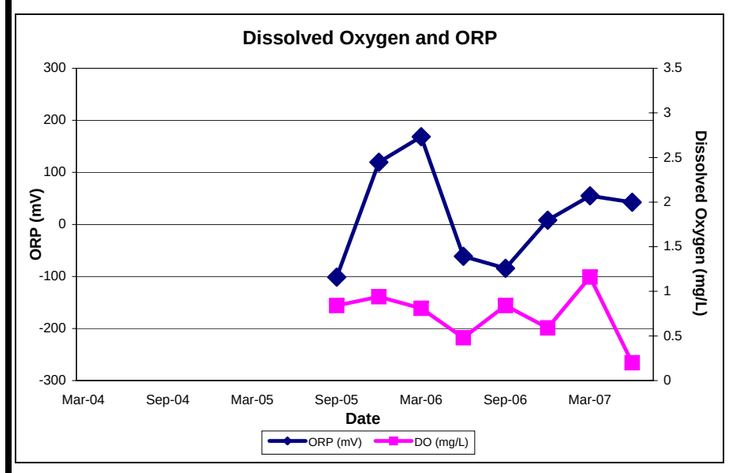


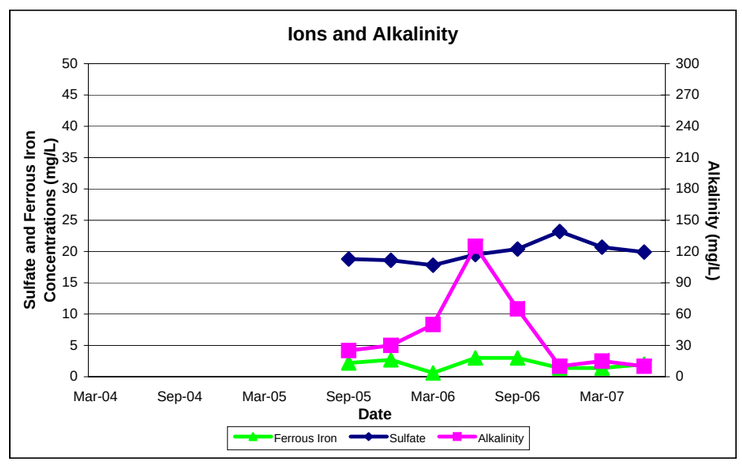


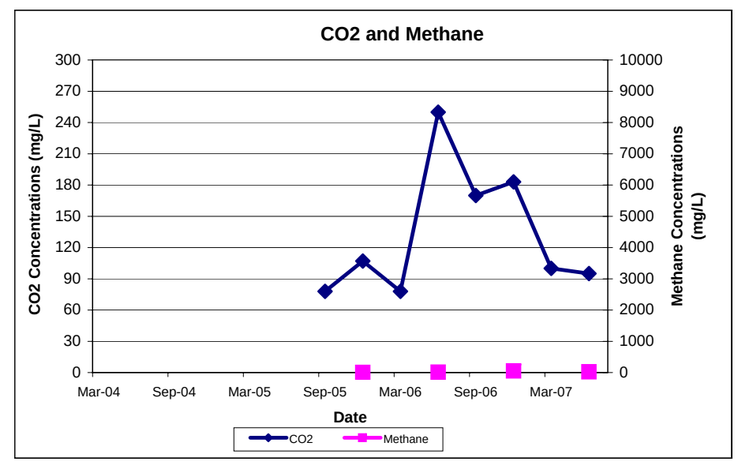
WELL MW-47C
SA 36 NW, NTC ORLANDO, FL



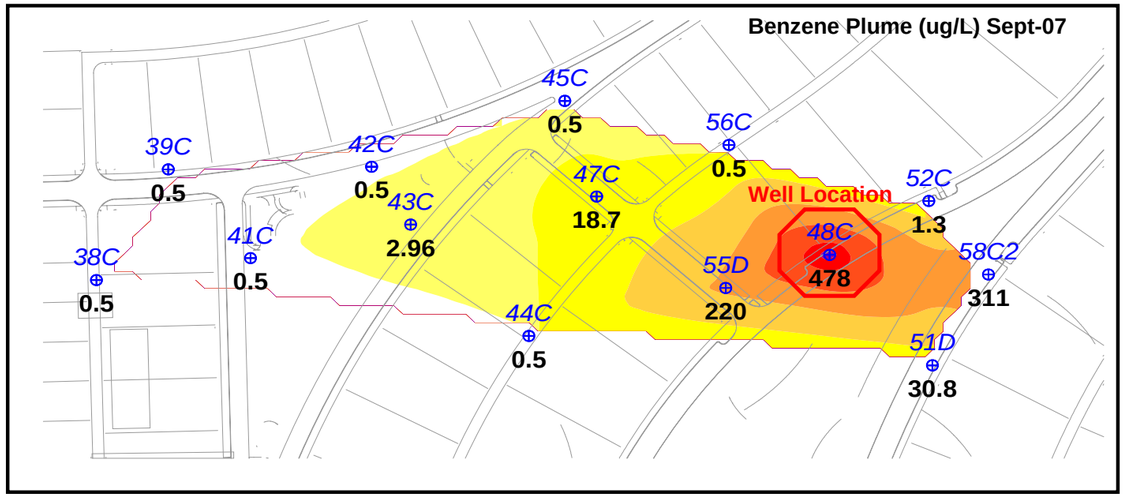


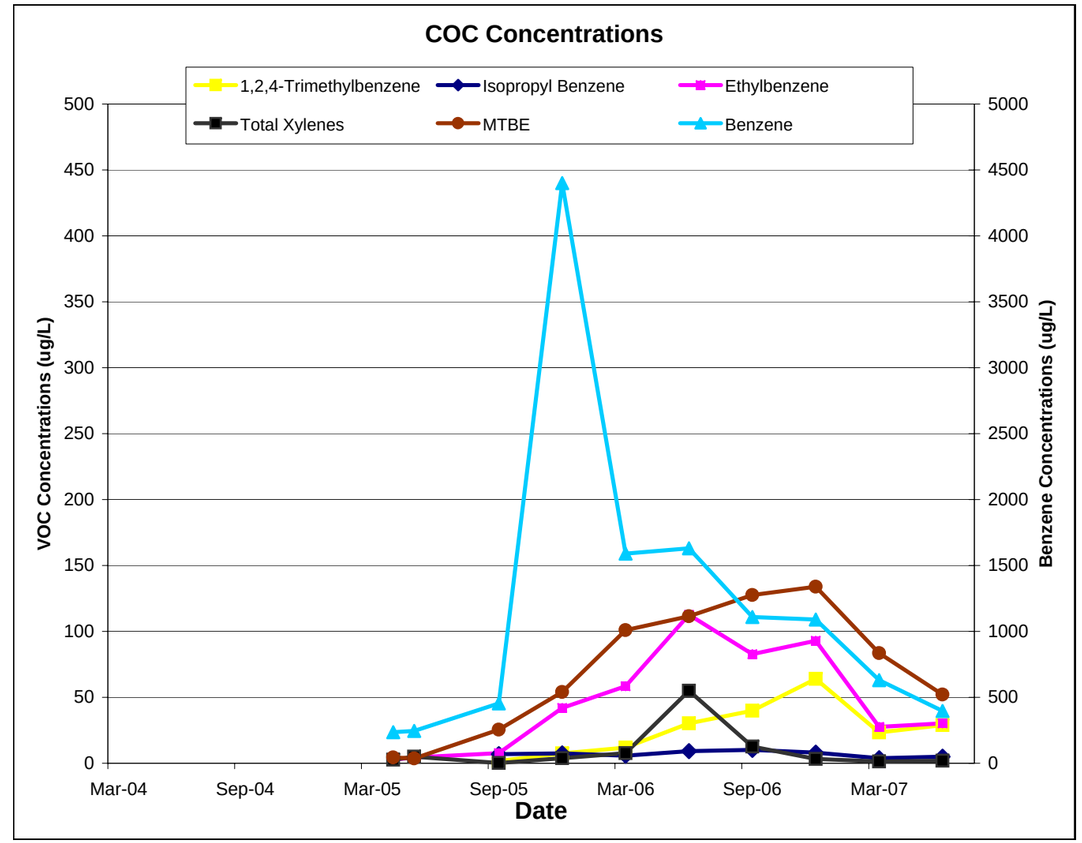


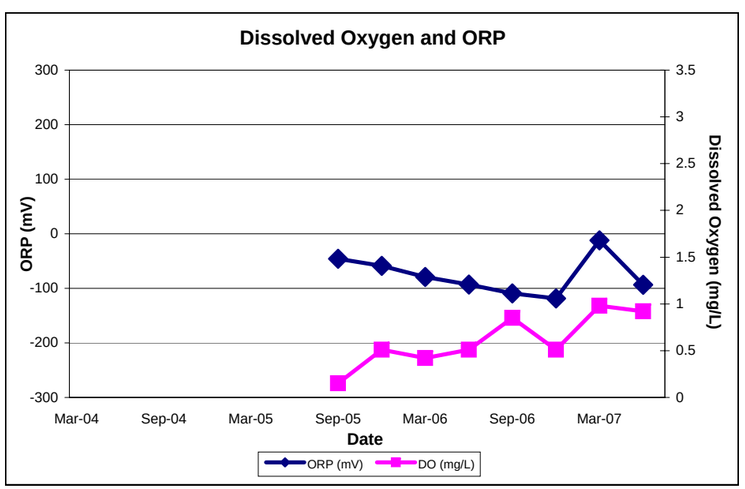


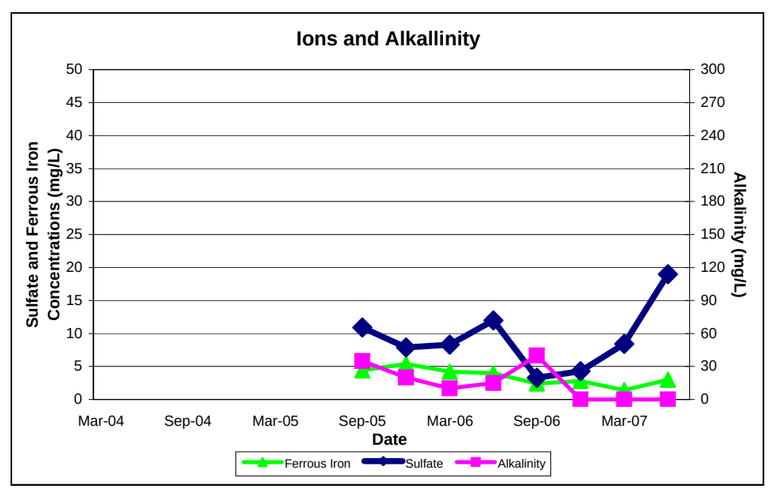


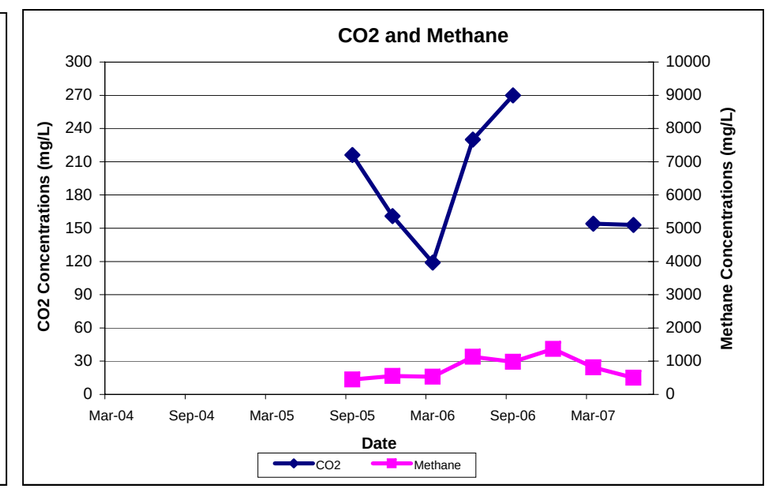
WELL MW-48C
SA 36 NW, NTC ORLANDO, FL

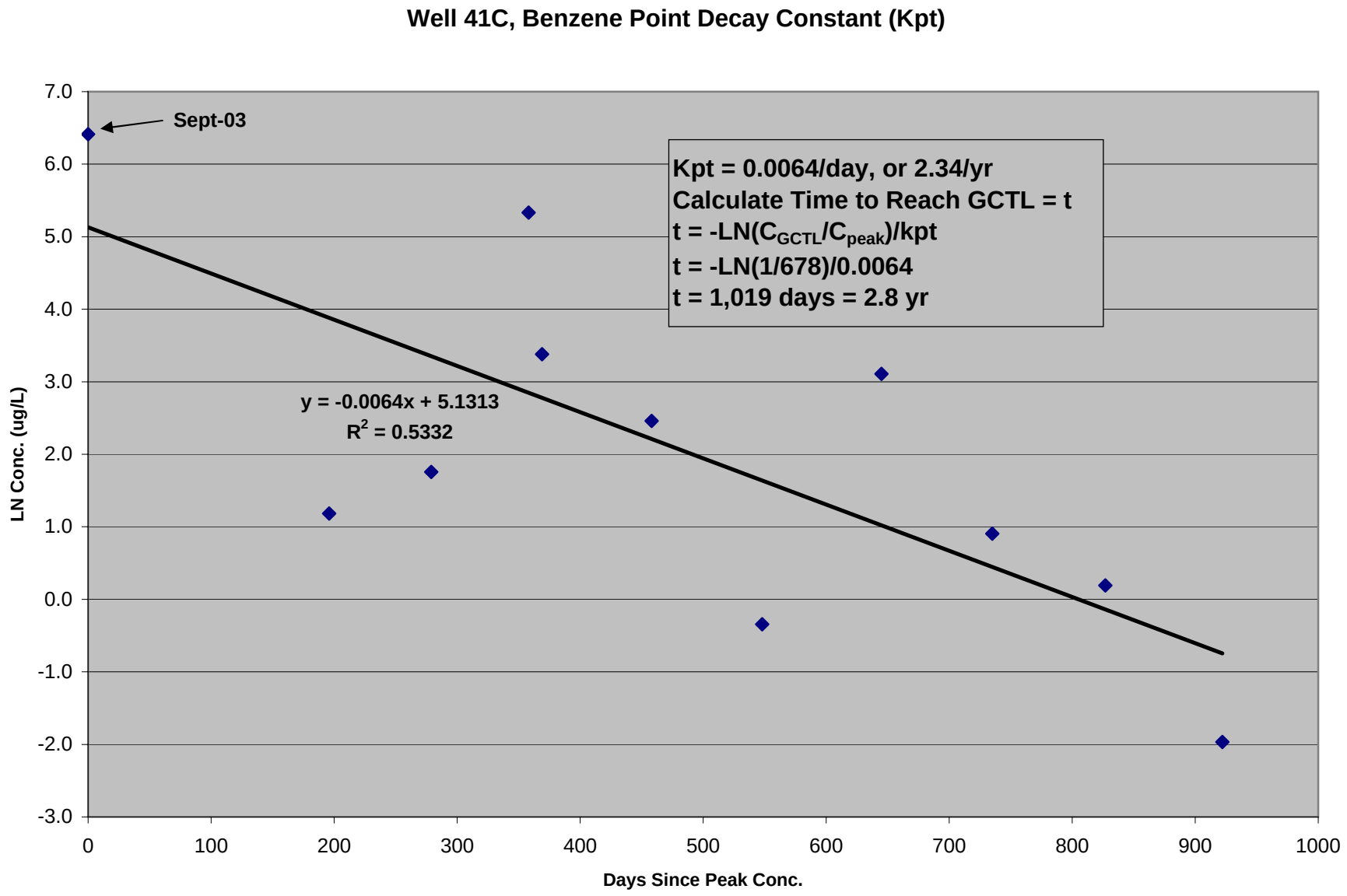


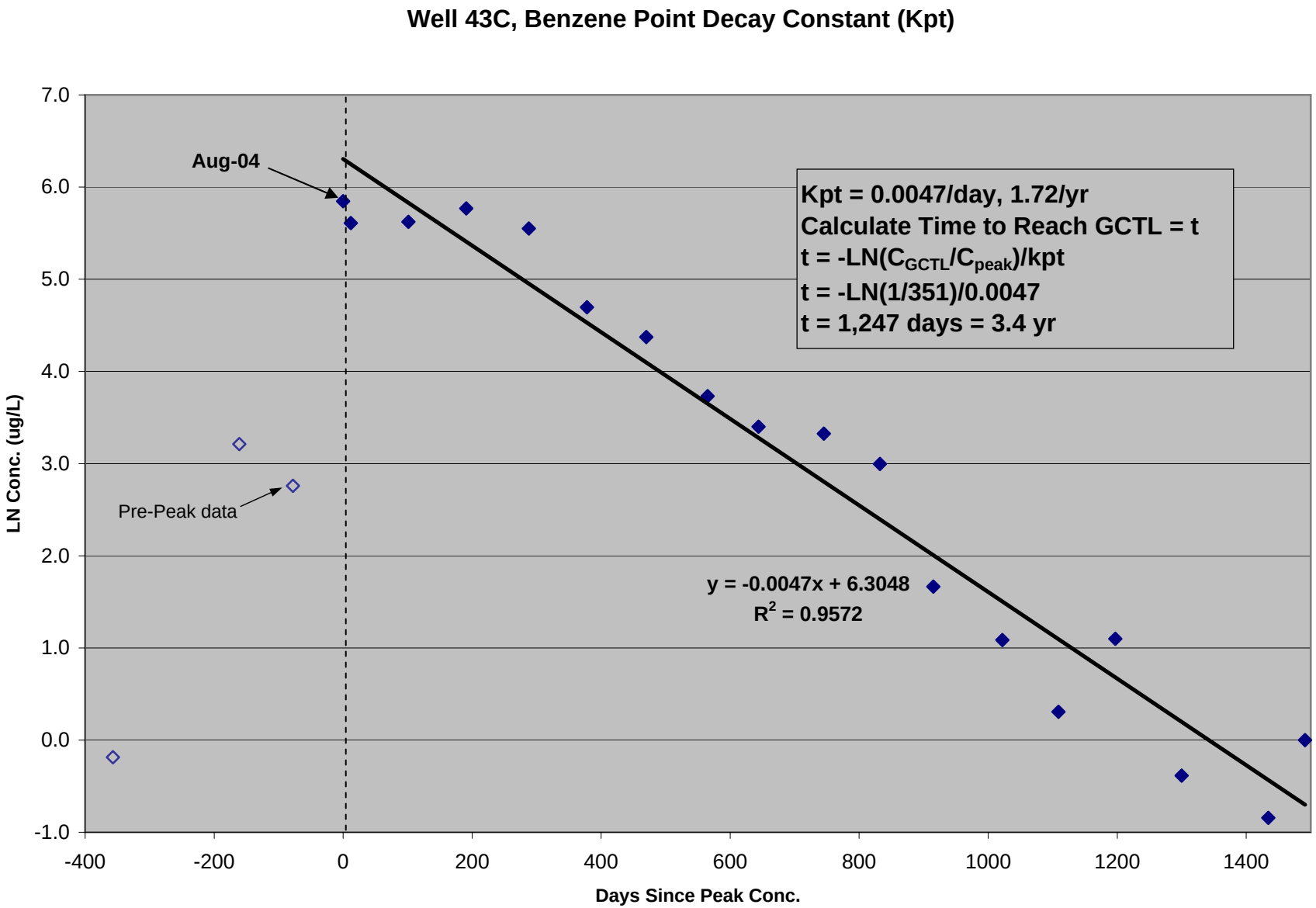




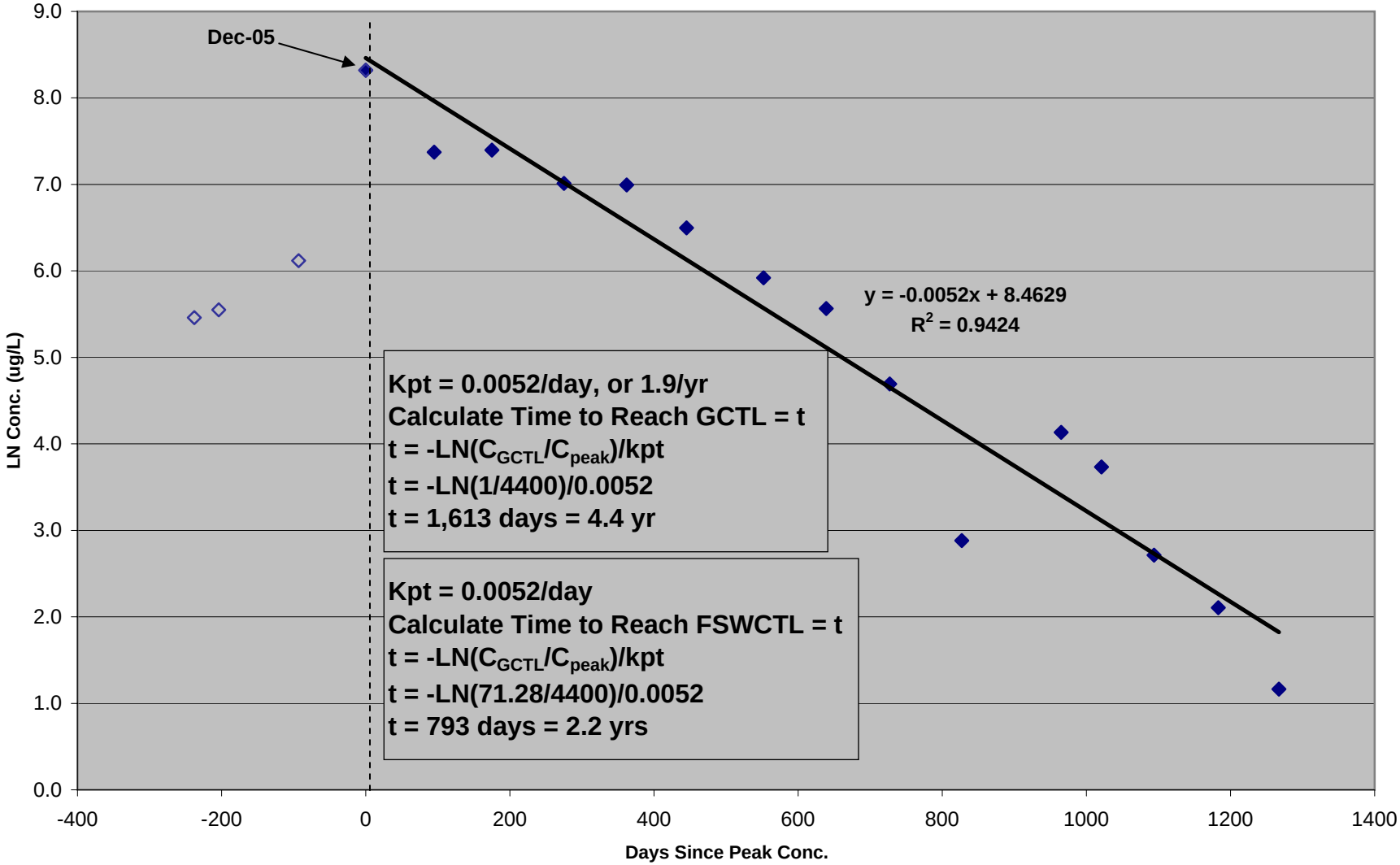




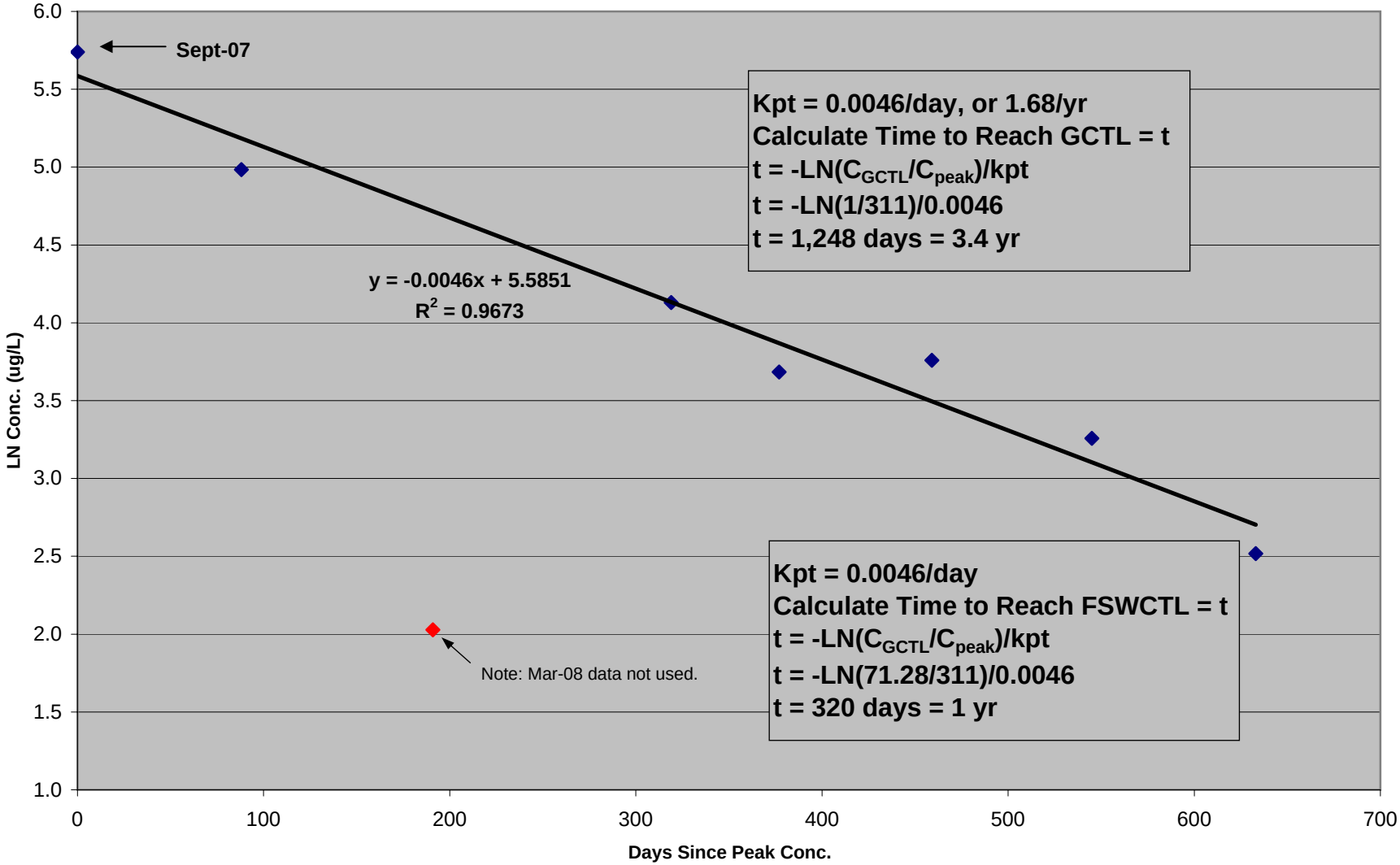

Well 41C, Benzene Point Decay Constant (Kpt)
Sept-03
Kpt = 0.0064/day, or 2.34/yr
Calculate Time to Reach GCTL = t
t = -LN(C_GCTL/C_peak)/kpt
t = -LN(1/678)/0.0064
t = 1,019 days = 2.8 yr
y = -0.0064x + 5.1313
R^2 = 0.5332
LN Conc. (ug/L)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
0
100
200
300
400
500
600
700
800
900
1000
Days Since Peak Conc.


Well 43C, Benzene Point Decay Constant (Kpt)
Aug-04
Kpt = 0.0047/day, 1.72/yr
Calculate Time to Reach GCTL = t
t = -LN(C_GCTL/C_peak)/kpt
t = -LN(1/351)/0.0047
t = 1,247 days = 3.4 yr
Pre-Peak data
y = -0.0047x + 6.3048
R^2 = 0.9572
LN Conc. (ug/L)
Days Since Peak Conc.
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-400
-200
0
200
400
600
800
1000
1200
1400

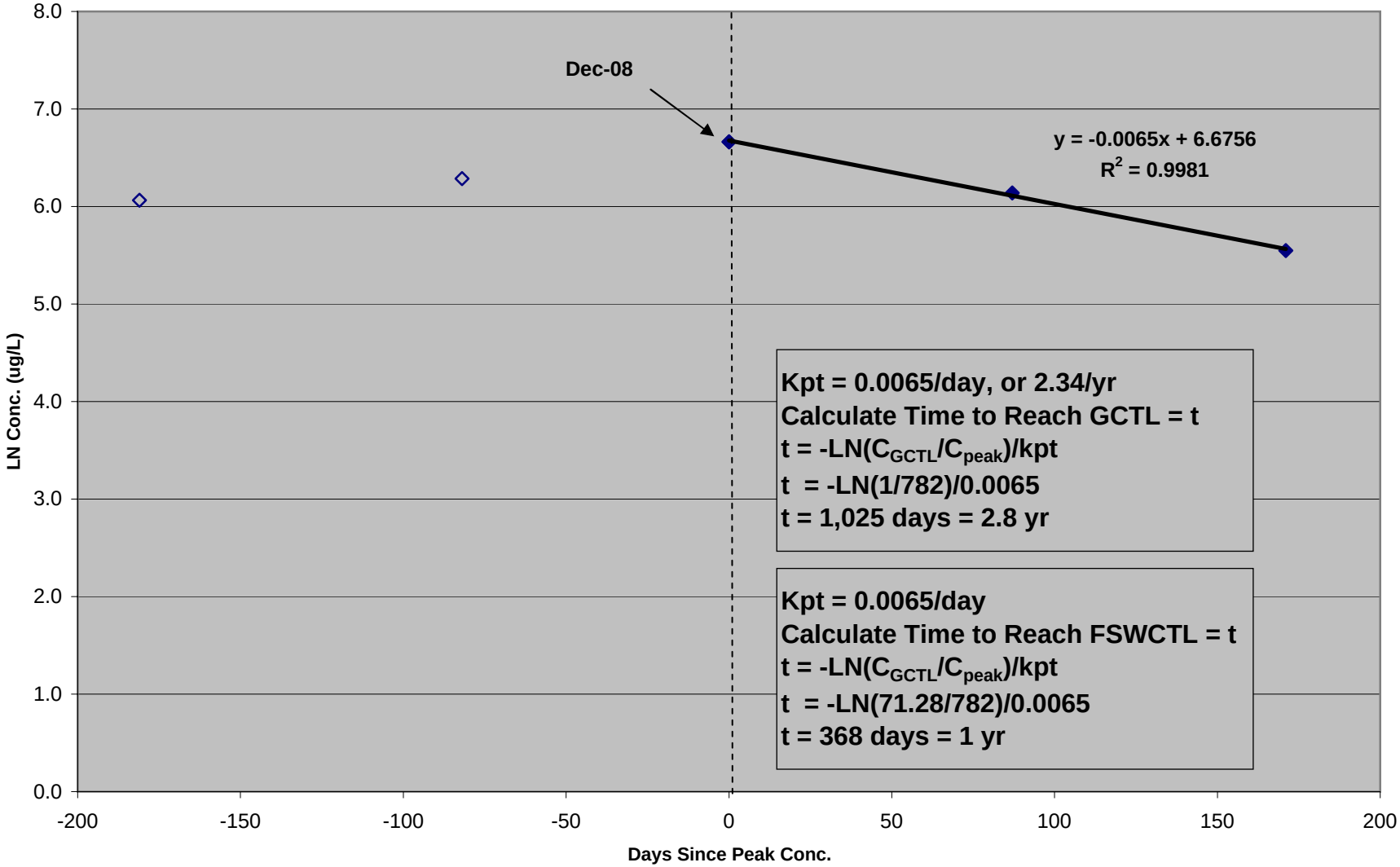
Well 48C, Benzene Point Decay Constant (Kpt)

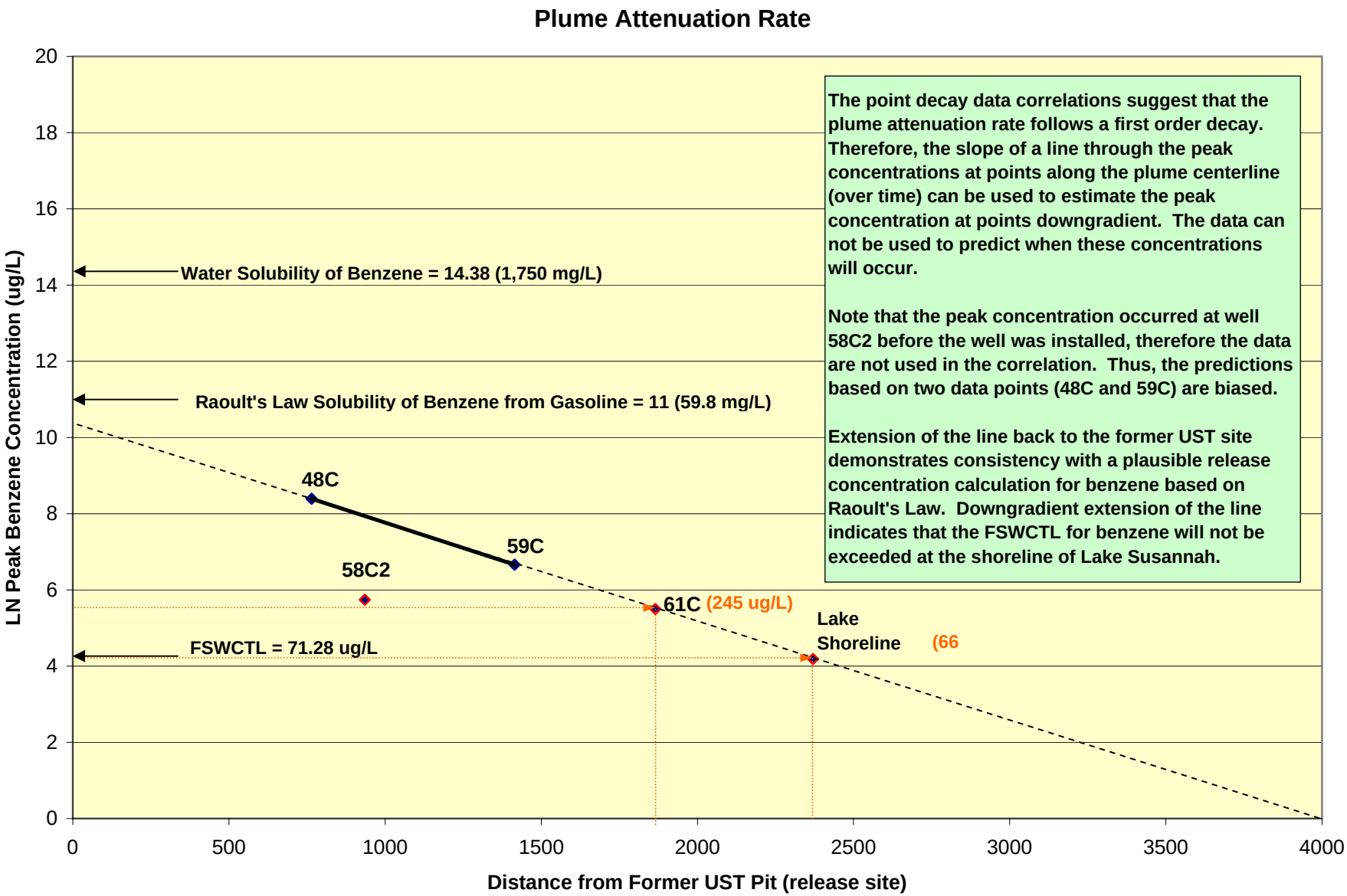


Well 58C2, Benzene Point Decay Constant (Kpt)



Well 59C, Benzene Point Decay Constant (Kpt)




Plume Attenuation Rate
LN Peak Benzene Concentration (ug/L)
Distance from Former UST Pit (release site)
0
2
4
6
8
10
12
14
16
18
20
0
500
1000
1500
2000
2500
3000
3500
4000
Water Solubility of Benzene = 14.38 (1,750 mg/L)
Raoult's Law Solubility of Benzene from Gasoline = 11 (59.8 mg/L)
FSWCTL = 71.28 ug/L
48C
59C
58C2
61C (245 ug/L)
Lake
Shoreline (66
The point decay data correlations suggest that the plume attenuation rate follows a first order decay. Therefore, the slope of a line through the peak concentrations at points along the plume centerline (over time) can be used to estimate the peak concentration at points downgradient. The data can not be used to predict when these concentrations will occur.
Note that the peak concentration occurred at well 58C2 before the well was installed, therefore the data are not used in the correlation. Thus, the predictions based on two data points (48C and 59C) are biased.
Extension of the line back to the former UST site demonstrates consistency with a plausible release concentration calculation for benzene based on Raoult's Law. Downgradient extension of the line indicates that the FSWCTL for benzene will not be exceeded at the shoreline of Lake Susannah.

APPENDIX K

GORE SOIL GAS REPORT

W. L. GORE & ASSOCIATES, INC.

100 CHESAPEAKE BLVD., P.O. BOX 10 • ELKTON, MARYLAND 21922-0010
PHONE: 410.392.7600 • FAX: 410.506.4780

GORE™ EXPLORATION SURVEY

GORE™ ENVIRONMENTAL SURVEY

GORE™ Surveys
Final Report

NTC
Orlando-SA-38, FL

Gore Production Order #13917008

February 9, 2009

Prepared For:
Tetra Tech
1901 South Congress Avenue
Suite 270
Boynton Beach, FL, 83426

W.L. Gore & Associates, Inc.

Written/Submitted by:
James E. Whetzel, Jr., Project Manager

Reviewed/Approved by:
Hilary G. Trethewey, Project Manager

Analytical Data Reviewed by:
James E. Whetzel, Jr., Chemist

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GORE AND DESIGNS ARE TRADEMARKS OF W. L. GORE & ASSOCIATES, INC.

GORE™ Surveys - Final Report

REPORT DATE: 02/04/2009 **AUTHOR:** JW

SITE INFORMATION

Site Reference: NTC, Orlando-SA-38, FL
Gore Production Order Number: 13917008 **Gore Site Code:** ESL

FIELD PROCEDURES

 # Modules shipped: 22
Installation Date(s): 12/10,11/09
 # Modules Installed: 20
Field work performed by: Tetra Tech

Retrieval date(s): 12/23/08
 # Modules Retrieved: 20
 # Modules Lost in Field: 0
 # Modules Not Returned: 0

Exposure Time: 12-13 **[days]**
 # Trip Blanks Returned: 2
 # Unused Modules Returned: 0

Date/Time Received by Gore: 12/30/2008 11:30 AM By: DY
Chain of Custody Form attached: Yes
Chain of Custody discrepancies: None
Comments:
Modules 590335 and -336 were identified as trip blanks.

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ANALYTICAL PROCEDURES

W.L. Gore & Associates´ Screening Module Laboratory operates under the guidelines of its Quality Assurance Manual, Operating Procedures and Methods. The quality assurance program is consistent with Good Laboratory Practices (GLP) and ISO Guide 25, "General Requirements for the Competence of Calibration and Testing Laboratories", third edition, 1990.

Instrumentation consists of state of the art gas chromatographs equipped with mass selective detectors, coupled with automated thermal desorption units. Sample preparation simply involves cutting the tip off the bottom of the sample module and transferring one or more exposed sorbent containers (sorbers, each containing engineered adsorbents) to a thermal desorption tube for analysis. Sorbers remain clean and protected from dirt, soil, and ground water by the insertion/retrieval cord, and require no further sample preparation.

Analytical Method Quality Assurance:
The analytical method employed is a modified EPA method 8260/8270. Before each run sequence, two instrument blanks, a sorber containing 5µg BFB (Bromofluorobenzene), and a method blank are analyzed. The BFB mass spectra must meet the criteria set forth in the method before samples can be analyzed. A method blank and a sorber containing BFB are also analyzed after every 30 samples and/or trip blanks. Standards containing the selected target compounds at five calibration levels are analyzed at the beginning of each run. The criterion for each target compound is less than 25% RSD (relative standard deviation). If this criterion is not met for any target compound, the analyst has the option of generating second- or third-order standard curves, as appropriate. A second-source reference standard, at a level of 10µg per target compound, is analyzed after every ten samples and/or trip blanks, and at the end of the run sequence. Positive identification of target compounds is determined by 1) the presence of the target ion and at least two secondary ions; 2) retention time versus reference standard; and, 3) the analyst's judgment.

NOTE: All data have been archived. Any replicate sorbers not used in the initial analysis will be discarded fifteen (15) days from the date of analysis.

Laboratory analysis: thermal desorption, gas chromatography, mass selective detection
Instrument ID: # 9 **Chemist:** JW
Compounds/mixtures requested: A2
Deviations from Standard Method: First method blank was found to have levels of target compounds above method detection limit.
Comments: Soil vapor analytes and abbreviations are tabulated in the Data Table Key (page 6).

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DATA TABULATION

 # CONTOUR MAPS ENCLOSED: Two (2) B-sized color contour maps
LIST OF MAPS ENCLOSED:

- Benzene
- Total Petroleum Hydrocarbons (TPH)

NOTE: All data values presented in Appendix A represent masses of compound(s) desorbed from the GORE™ Modules received and analyzed by W.L. Gore & Associates, Inc., as identified in the Chain of Custody (Appendix A). The measurement traceability and instrument performance are reproducible and accurate for the measurement process documented. Semi-quantitation of the compound mass is based on a five-level standard calibration.

General Comments:

- This survey reports soil gas mass levels present in the vapor phase. Vapors are subject to a variety of attenuation factors during migration away from the source concentration to the module. Thus, mass levels reported from the module will often be less than concentrations reported in soil and groundwater matrix data. In most instances, the soil gas masses reported on the modules compare favorably with concentrations reported in the soil or groundwater (e.g., where soil gas levels are reported at greater levels relative to other sampled locations on the site, matrix data should reveal the same pattern, and vice versa). However, due to a variety of factors, a perfect comparison between matrix data and soil gas levels can rarely be achieved.
- Soil gas signals reported by this method cannot be identified specifically to soil adsorbed, groundwater, and/or free-product contamination. The soil gas signal reported from each module can evolve from all of these sources. Differentiation between soil and groundwater contamination can only be achieved with prior knowledge of the site history (i.e., the site is known to have groundwater contamination only).
- QA/QC trip blank modules were provided to document potential exposures that were not part of the soil gas signal of interest (i.e., impact during module shipment, installation and retrieval, and storage). The trip blanks are identically manufactured and packaged soil gas modules to those modules placed in the subsurface. However, the trip blanks remain unopened during all phases of the soil gas survey. Levels reported on the trip blanks may indicate potential impact to modules other than the contaminant source of interest.

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- Unresolved peak envelopes (UPEs) are represented as a series of compound peaks clustered together around a central gas chromatograph elution time in the total ion chromatogram. Typically, UPEs are indicative of complex fluid mixtures that are present in the subsurface. UPEs observed early in the chromatogram are considered to indicate the presence of more volatile fluids, while UPEs observed later in the chromatogram may indicate the presence of less volatile fluids. Multiple UPEs may indicate the presence of multiple complex fluids.
- Stacked total ion chromatograms (TICs) are included in Appendix A. The six-digit serial number of each module is incorporated into the TIC identification (e.g.: 123456S.D represents module #123456).

Project Specific Comments:

- In addition to relative mass results, estimated soil gas concentration values were reported. Calculations for concentrations were performed using the mass observed, exposure time, experimentally determined and estimated compound uptake rates, desorbtion efficiency values, and default soil porosity inputs of 0.4cc/cc total porosity and 0.2cc/cc water filled porosity. A summary of the procedure is included in the appendix.
- The minimum (gray) contour level, for each mapped analyte or group of analytes, was set at the maximum blank level observed or the method detection limit, whichever was greater. For TPH, the contour minimum is arbitrarily set at 0.02 µg or the maximum blank level, whichever is greater. The maximum contour level was set at the maximum value observed.
- Low levels of fuel related compounds were detected on one method blank. However, compounds detected in the method blanks were not detected in any field installed compounds.
- Overall, detected mass levels are considered low.
- The mapped spatial patterns indicated one detection of benzene and several areas with TPH impact.
- If the objective of the soil gas survey was to delineate the nature and extent of the contamination, then additional soil gas sampling is recommended in those areas where the color contours appear to extend into unsampled areas. Subsequent sampling events can be combined with the data from this event and mapped together to provide greater coverage.

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GORE™ Surveys - Final Report

KEY TO DATA TABLE
NTC Orlando SA-38, Orlando, FL

UNITS

µg	micrograms (per sorber), reported for compounds
µg/m^3	micrograms per cubic meter (estimated concentration)
MDL	method detection limit
bdl	below detection limit
nd	non-detect

ANALYTES

TPH	total petroleum hydrocarbons
BTEX	combined masses of benzene, toluene, ethylbenzene and total xylenes (Gasoline Range Aromatics)
BENZ	benzene
TOL	toluene
EtBENZ	ethylbenzene
mpXYL	m-, p-xylene
oXYL	o-xylene
C11,C13&C15	combined masses of undecane, tridecane, and pentadecane (C11+C13+C15) (Diesel Range Alkanes)
UNDEC	undecane
TRIDEC	tridecane
PENTADEC	pentadecane
TMBs	combined masses of 1,3,5-trimethylbenzene and 1,2,4-trimethylbenzene
135TMB	1,3,5-trimethylbenzene
124TMB	1,2,4-trimethylbenzene
NAPH&2-MN	combined masses of naphthalene and 2-methyl naphthalene
NAPH	naphthalene
2MeNAPH	2-methyl naphthalene
MTBE	methyl t-butyl ether
OCT	octane

BLANKS

method blank	QA/QC module, documents analytical conditions during analysis

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APPENDIX A:

1. CHAIN OF CUSTODY AND INSTALLATION/ RETRIEVAL LOG
2. DATA TABLES
3. STACKED TOTAL ION CHROMATOGRAMS
4. SUMMARY OF CONCENTRATION CALCULATION PROCEDURE
5. COLOR CONTOUR MAPS

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GORE-SORBER® Screening Survey Chain of Custody

For W.L. Gore & Associates use only
Production Order # 13917008

W. L. Gore & Associates, Inc., Survey Products Group
100 Chesapeake Boulevard • Elkton, Maryland 21921 • Tel: (410) 392-7600 • Fax (410) 506-4780

Instructions: Customer must complete ALL shaded cells

Customer Name: TETRA TECH NUS	Site Name: ~~NCT~~ NTC ORLANDO
Address: ACCOUNTS PAYABLE	Site Address: SA - 38
FOSTER PLAZA V11 661 ANDERSEN DRIVE	
PITTSBURGH PA 15220 U.S.A.	Project Manager: GRAY BRAGANZA
Phone: (561) 302-4137	Customer Project No.: 12003599
FAX:	Customer P.O. #: Quote #: 229058

Serial # of Modules Shipped		# of Modules for Installation 20	# of Trip Blanks 2
# 590315 - # 590336	# - #	Total Modules Shipped: 22	Pieces
# - #	# - #	Total Modules Received:	Pieces
# - #	# - #	Total Modules Installed:	Pieces
# - #	# - #	Serial # of Trip Blanks (*Client Decides*)	#
# - #	# - #	# 590335 #	#
# - #	# - #	# 590336 #	#
# - #	# - #	# #	#
# - #	# - #	# #	#
# - #	# - #	# #	#
# - #	# - #	# #	#
Prepared By: [signature]		# #	#
Verified By: [signature]		# #	#

Installation Performed By:	Installation Method(s) (*circle those that apply*):
Name (*please print*): GARY BRAGANZA	Slide Hammer Hammer Drill Auger
Company/Affiliation: TETRA TECH	Other: Hoffer Soil Sampler - 36" length
Installation Start Date and Time: 12 / 10 / 2008 10 : 10 AM PM	
Installation Complete Date and Time: 12 / 11 / 2008 10 : 07 AM PM	
Retrieval Performed By:	Total Modules Retrieved: 20 Pieces
Name (*please print*): GARY BRAGANZA	Total Modules Lost in Field: 0 Pieces
Company/Affiliation: TETRA TECH	Total Unused Modules Returned: 0 Pieces
Retrieval Start Date and Time: 12 / 23 / 2008 9 : 05 AM PM	
Retrieval Complete Date and Time: 12 / 23 / 2008 11 : 33 AM PM	

	Date	Time		Date	Time
Relinquished By [signature] Affiliation: W.L. Gore & Associates, Inc.	12-01-08	8:30	Received By: [signature] Affiliation: Tetra Tech	12/3/08	12:00
Relinquished By [signature] Affiliation: TETRA TECH	12/29/08	16:00	Received By: Affiliation:		
Relinquished By Affiliation			Received By: [signature] Affiliation: W.L. Gore & Associates, Inc.	12-30-08	11:30

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GORE-SORBER® Screening Survey Installation and Retrieval Log

Page 1 of 1

SITE NAME & LOCATION

NTC ORLANDO - SA - 38

ORLANDO, FL

LINE #	MODULE #	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	EVIDENCE OF LIQUID HYDROCARBONS (LPH) or HYDROCARBON ODOR (Check as appropriate)			MODULE IN WATER (check one)		COMMENTS
				LPH	ODOR	NONE	YES	NO	
1.	590315	12/10/08 10:10	12/23/08 9:05			✓		✓	
2.	590316	12/10/08 10:30	12/23/08 9:12			✓		✓	
3.	590317	12/10/08 10:48	12/23/08 9:21			✓		✓	
4.	590318	12/10/08 11:17	12/23/08 9:29			✓		✓	
5.	590319	12/10/08 11:38	12/23/08 9:38			✓		✓	
6.	590320	12/10/08 12:52	12/23/08 9:49			✓		✓	
7.	590321	12/10/08 13:10	12/23/08 9:56			✓		✓	
8.	590322	12/10/08 13:31	12/23/08 10:05			✓		✓	
9.	590323	12/10/08 13:46	12/23/08 10:16			✓		✓	
10.	590324	12/10/08 14:11	12/23/08 10:25			✓		✓	
11.	590325	12/10/08 14:33	12/23/08 10:31			✓		✓	
12.	590326	12/10/08 15:08	12/23/08 10:36			✓		✓	
13.	590327	12/10/08 15:38	12/23/08 10:44			✓		✓	
14.	590328	12/10/08 16:03	12/23/08 10:51			✓		✓	
15.	590329	12/10/08 16:29	12/23/08 10:58			✓		✓	
16.	590330	12/11/08 08:11	12/23/08 11:04			✓		✓	
17.	590331	12/11/08 08:45	12/23/08 11:12			✓		✓	
18.	590332	12/11/08 09:13	12/23/08 11:18			✓		✓	
19.	590333	12/11/08 09:42	12/23/08 11:24			✓		✓	
20.	590334	12/11/08 10:07	12/23/08 11:33			✓		✓	
21.	590335	—	—						TRIP BLANK
22.	590336	—	—						TRIP BLANK.
23.									
24.									
25.									
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GORE-SORBER ® Screening Survey is a registered service mark of W.L. Gore & Associates, Inc.

GORE(TM) SURVEY ANALYTICAL RESULTS
TETRA TECH NUS, PITTSBURGH, PA
GORE FUEL HYDROCARBONS (A2)
NTC ORLANDO - SA - 38, ORLANDO, FL
SITE ESL - PRODUCTION ORDER #13917008

DATE ANALYZED	SAMPLE NAME	TPH, ug	BTEX, ug	BENZ, ug	TOL, ug	ETBENZ, ug	mpXYL, ug	oXYL, ug	C11, C13, &C15, ug	UNDEC, ug	TRIDEC, ug
	MDL=			0.01	0.01	0.01	0.01	0.01		0.01	0.01
01-02-09	590315	0.02	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590316	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590317	0.02	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590318	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590319	0.02	0.02	0.02	nd	nd	nd	nd	nd	nd	nd
01-02-09	590320	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590321	0.00	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590322	0.05	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590323	0.02	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590324	0.53	0.01	0.01	nd	nd	nd	nd	nd	nd	nd
01-02-09	590325	0.07	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590326	0.00	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590327	0.01	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590328	0.00	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590329	0.02	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590330	0.00	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590331	0.01	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590332	0.03	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590333	0.09	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590334	0.39	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590335	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590336	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	method blank	nd	0.10	nd	nd	nd	0.07	0.03	nd	nd	nd
01-03-09	method blank	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Maximum	0.53	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Standard Dev.	0.14	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Mean	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No mdl is available for summed combinations of analytes. In summed columns (eg., BTEX), the reported values should be considered ESTIMATED if any of the individual compounds were reported as bdl.

GORE(TM) SURVEY ANALYTICAL RESULTS
TETRA TECH NUS, PITTSBURGH, PA
GORE FUEL HYDROCARBONS (A2)
NTC ORLANDO - SA - 38, ORLANDO, FL
SITE ESL - PRODUCTION ORDER #13917008

SAMPLE NAME	PENTADEC, ug	TMBs, ug	124TMB, ug	135TMB, ug	NAPH&2-MN, ug	NAPH, ug	2MeNAPH, ug	MTBE, ug	OCT, ug
MDL=	0.01		0.01	0.01		0.01	0.01	0.01	0.01
590315	nd	nd	nd	nd	nd	nd	nd	nd	nd
590316	nd	nd	nd	nd	nd	nd	nd	nd	nd
590317	nd	nd	nd	nd	nd	nd	nd	nd	nd
590318	nd	nd	nd	nd	nd	nd	nd	nd	nd
590319	nd	nd	nd	nd	nd	nd	nd	nd	nd
590320	nd	nd	nd	nd	nd	nd	nd	nd	nd
590321	nd	nd	nd	nd	nd	nd	nd	nd	nd
590322	nd	nd	nd	nd	nd	nd	nd	nd	nd
590323	nd	nd	nd	nd	nd	nd	nd	nd	nd
590324	nd	nd	nd	nd	nd	nd	nd	nd	nd
590325	nd	nd	nd	nd	nd	nd	nd	nd	nd
590326	nd	nd	nd	nd	nd	nd	nd	nd	nd
590327	nd	nd	nd	nd	nd	nd	nd	nd	nd
590328	nd	nd	nd	nd	nd	nd	nd	nd	nd
590329	nd	nd	nd	nd	nd	nd	nd	nd	nd
590330	nd	nd	nd	nd	nd	nd	nd	nd	nd
590331	nd	nd	nd	nd	nd	nd	nd	nd	nd
590332	nd	nd	nd	nd	nd	nd	nd	nd	nd
590333	nd	nd	nd	nd	nd	nd	nd	nd	nd
590334	nd	nd	nd	nd	nd	nd	nd	nd	nd
590335	nd	nd	nd	nd	nd	nd	nd	nd	nd
590336	nd	nd	nd	nd	nd	nd	nd	nd	nd
method blank	nd	0.08	0.06	0.02	nd	nd	nd	nd	nd
method blank	nd	nd	nd	nd	nd	nd	nd	nd	nd
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Standard Dev.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

No mdl is available for summed combinations of analytes. In summed columns (eg., BTEX), the reported values should be considered ESTIMATED if any of the individual compounds were reported as bdl.

GORE(TM) SURVEY ANALYTICAL RESULTS
TETRA TECH NUS, PITTSBURGH, PA
GORE FUEL HYDROCARBONS (A2)
ESTIMATED SOIL GAS CONCENTRATIONS
NTC ORLANDO - SA - 38, ORLANDO, FL
SITE ESL - PRODUCTION ORDER #13917008

DATE ANALYZED	SAMPLE NAME	TPH, ug/m^3	BTEX, ug/m^3	BENZ, ug/m^3	TOL, ug/m^3	ETBENZ, ug/m^3	mpXYL, ug/m^3	oXYL, ug/m^3	C11, C13, &C15, ug/m^3	UNDEC, ug/m^3	TRIDEC, ug/m^3
	MDL=	0.94		0.27	0.28	0.63	0.70	0.56		0.43	0.43
01-02-09	590315	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590316	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590317	1.10	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590318	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590319	bdl	0.51	0.51	nd	nd	nd	nd	nd	nd	nd
01-02-09	590320	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590321	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590322	2.33	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590323	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590324	24.58	0.35	0.35	nd	nd	nd	nd	nd	nd	nd
01-02-09	590325	3.12	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590326	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590327	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590328	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590329	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590330	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590331	bdl	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590332	1.45	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590333	4.56	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590334	19.01	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-03-09	590335	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	590336	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
01-02-09	method blank	nd	6.73	nd	nd	nd	4.88	1.85	nd	nd	nd
01-03-09	method blank	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	Maximum	24.58	0.51	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Standard Dev.	6.58	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Mean	3.03	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00

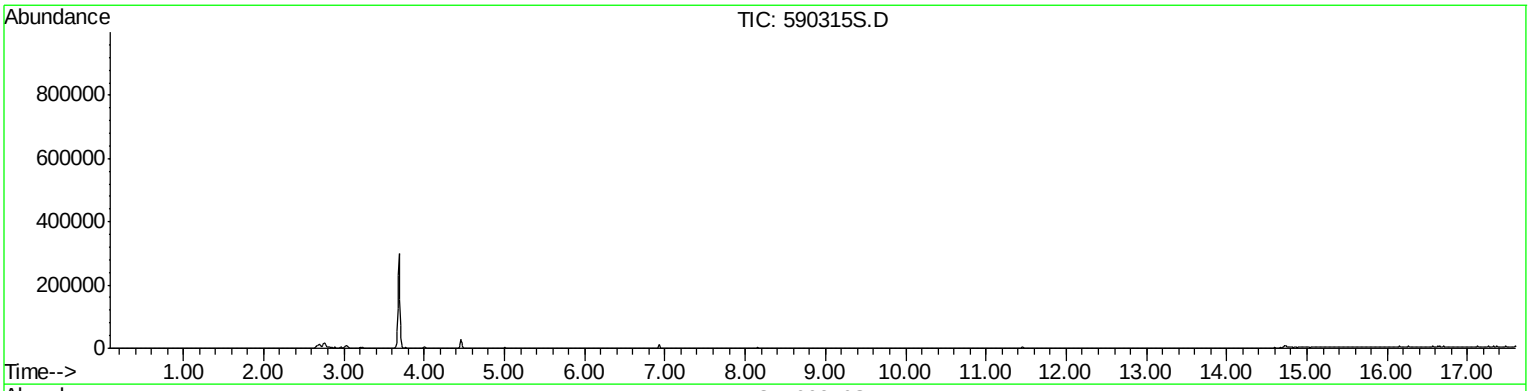
No mdl is available for summed combinations of analytes. In summed columns (eg., BTEX), the reported values should be considered ESTIMATED if any of the individual compounds were reported as bdl.

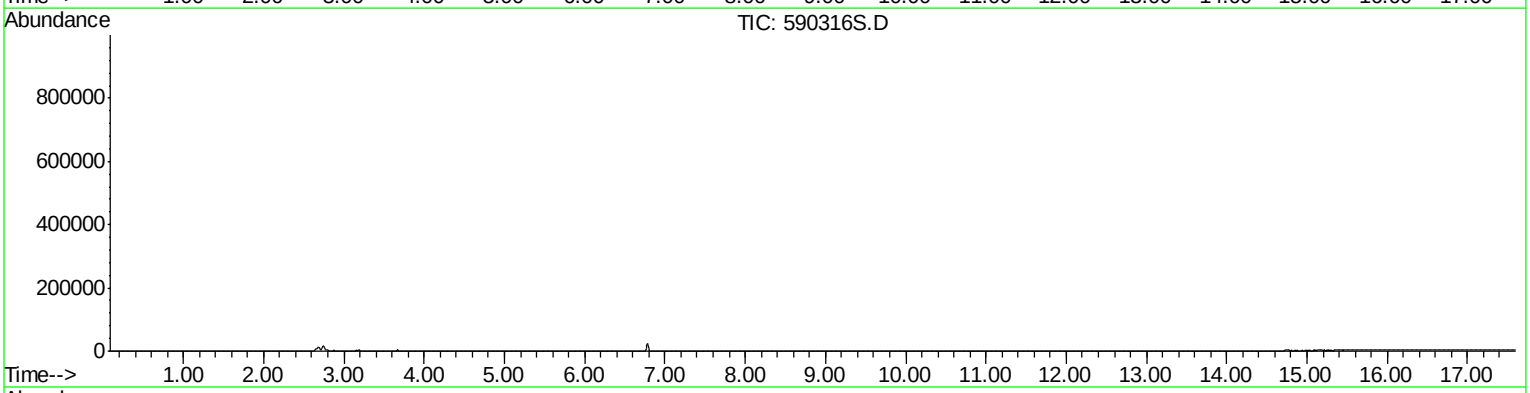
GORE(TM) SURVEY ANALYTICAL RESULTS
TETRA TECH NUS, PITTSBURGH, PA
GORE FUEL HYDROCARBONS (A2)
ESTIMATED SOIL GAS CONCENTRATIONS
NTC ORLANDO - SA - 38, ORLANDO, FL
SITE ESL - PRODUCTION ORDER #13917008

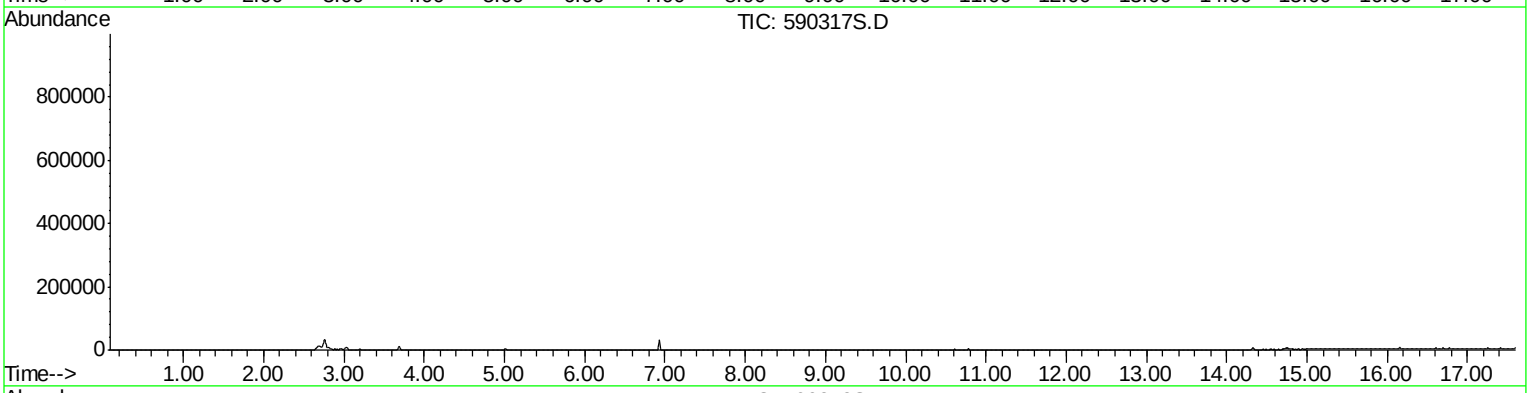
SAMPLE NAME	PENTADEC, ug/m^3	TMBs, ug/m^3	124TMB, ug/m^3	135TMB, ug/m^3	NAPH&2-MN, ug/m^3	NAPH, ug/m^3	2MeNAPH, ug/m^3	MTBE, ug/m^3	OCT, ug/m^3
MDL=	0.45		0.51	0.36		0.45	0.40	0.23	0.53
590315	nd	nd	nd	nd	nd	nd	nd	nd	nd
590316	nd	nd	nd	nd	nd	nd	nd	nd	nd
590317	nd	nd	nd	nd	nd	nd	nd	nd	nd
590318	nd	nd	nd	nd	nd	nd	nd	nd	nd
590319	nd	nd	nd	nd	nd	nd	nd	nd	nd
590320	nd	nd	nd	nd	nd	nd	nd	nd	nd
590321	nd	nd	nd	nd	nd	nd	nd	nd	nd
590322	nd	nd	nd	nd	nd	nd	nd	nd	nd
590323	nd	nd	nd	nd	nd	nd	nd	nd	nd
590324	nd	nd	nd	nd	nd	nd	nd	nd	nd
590325	nd	nd	nd	nd	nd	nd	nd	nd	nd
590326	nd	nd	nd	nd	nd	nd	nd	nd	nd
590327	nd	nd	nd	nd	nd	nd	nd	nd	nd
590328	nd	nd	nd	nd	nd	nd	nd	nd	nd
590329	nd	nd	nd	nd	nd	nd	nd	nd	nd
590330	nd	nd	nd	nd	nd	nd	nd	nd	nd
590331	nd	nd	nd	nd	nd	nd	nd	nd	nd
590332	nd	nd	nd	nd	nd	nd	nd	nd	nd
590333	nd	nd	nd	nd	nd	nd	nd	nd	nd
590334	nd	nd	nd	nd	nd	nd	nd	nd	nd
590335	nd	nd	nd	nd	nd	nd	nd	nd	nd
590336	nd	nd	nd	nd	nd	nd	nd	nd	nd
method blank	nd	3.76	3.10	0.66	nd	nd	nd	nd	nd
method blank	nd	nd	nd	nd	nd	nd	nd	nd	nd
Maximum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Standard Dev.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

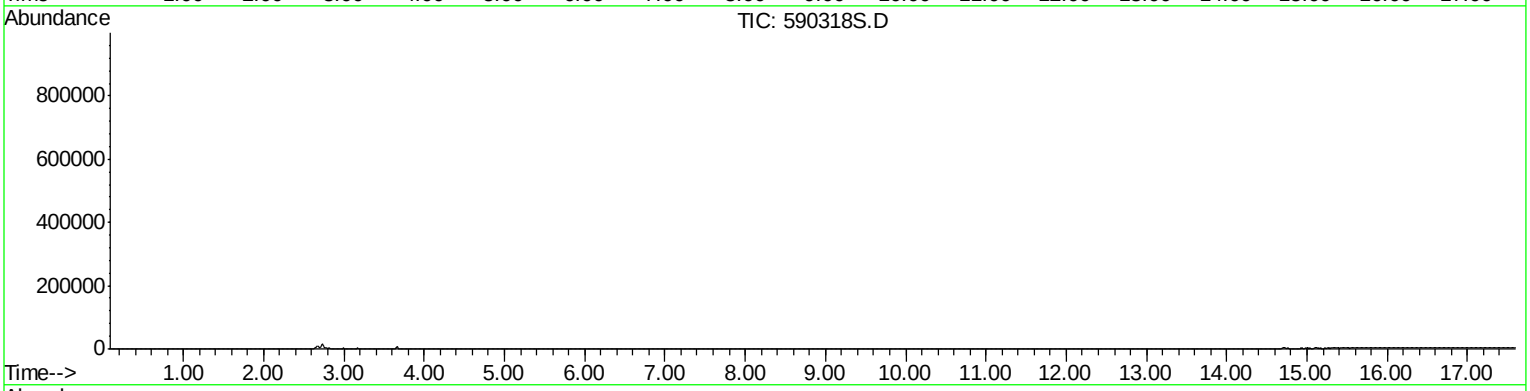
No mdl is available for summed combinations of analytes. In summed columns (eg., BTEX), the reported values should be considered ESTIMATED if any of the individual compounds were reported as bdl.

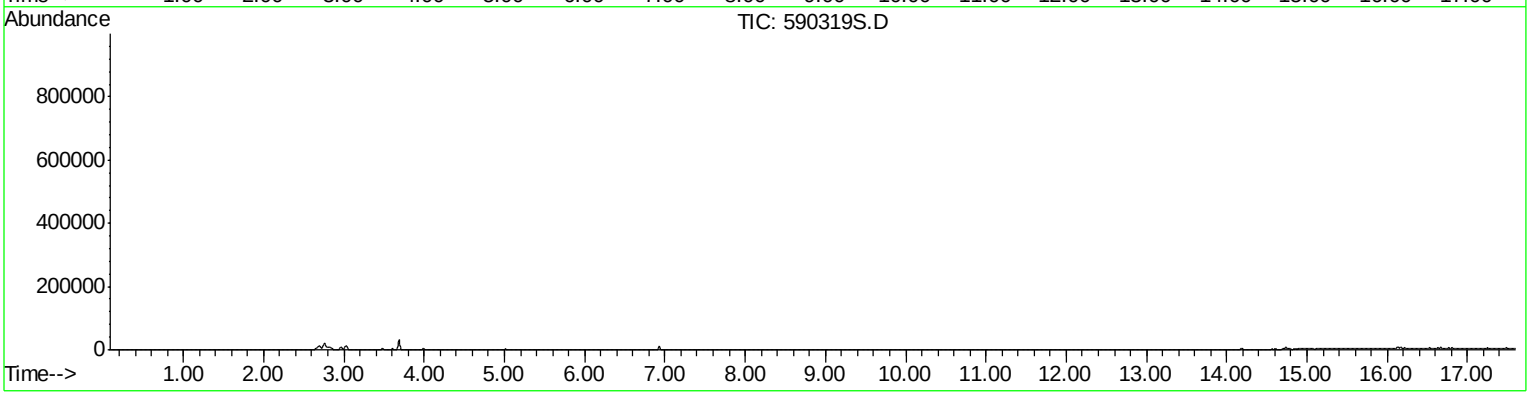
TIC - SITE ESL - PRODUCTION ORDER #13917008
In Numerical Order



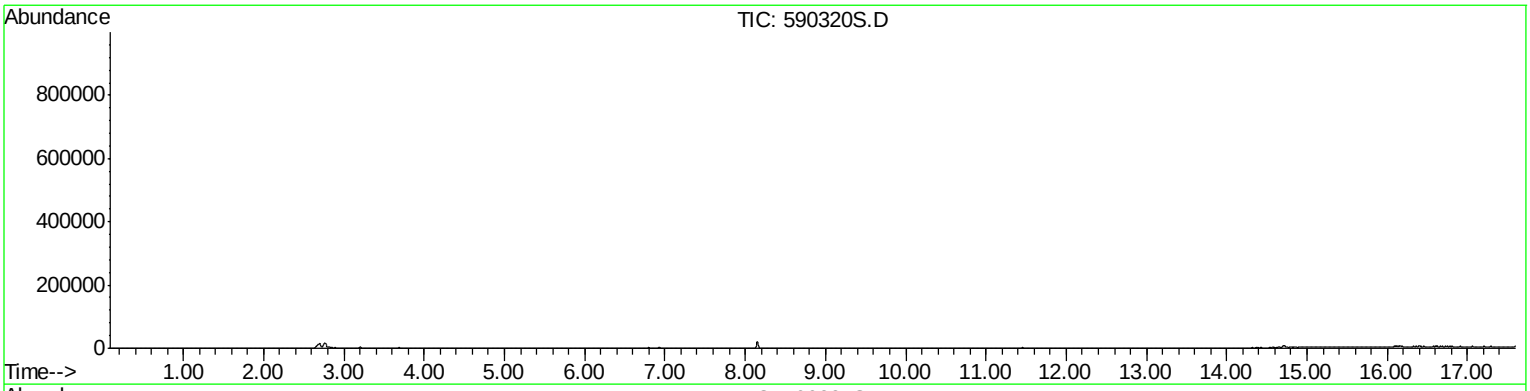


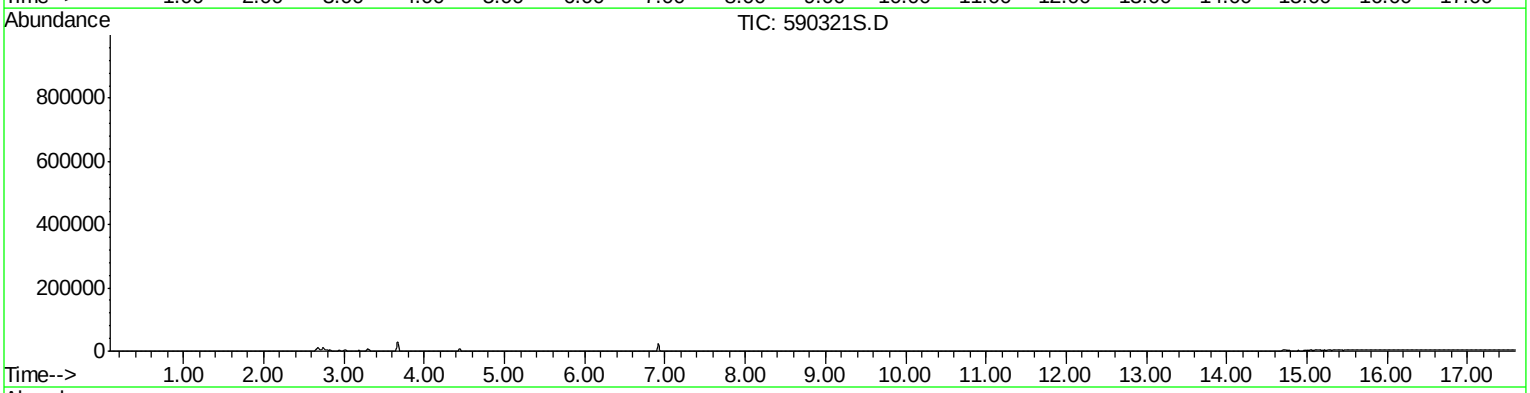


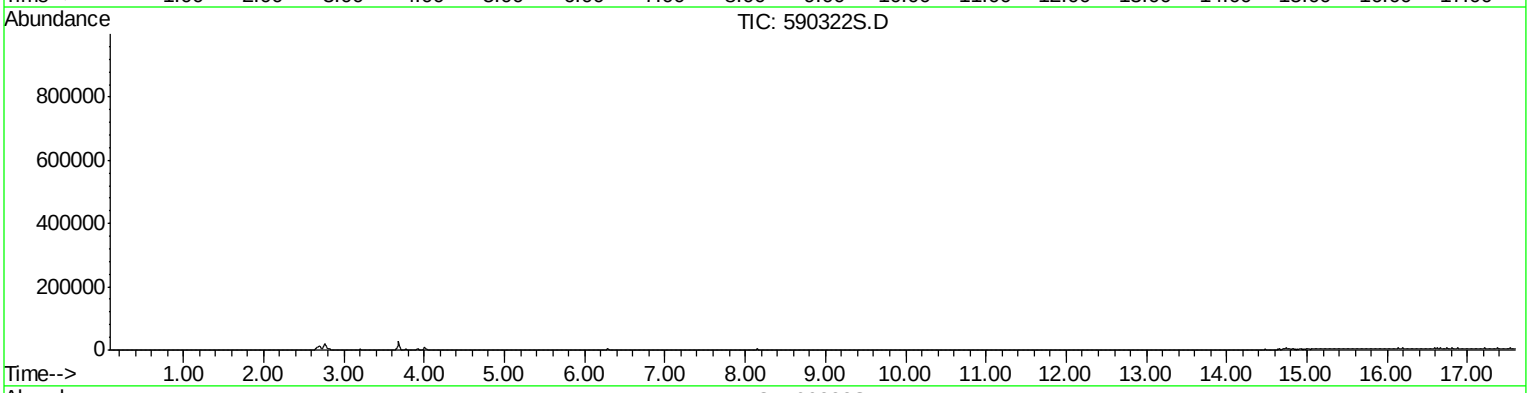


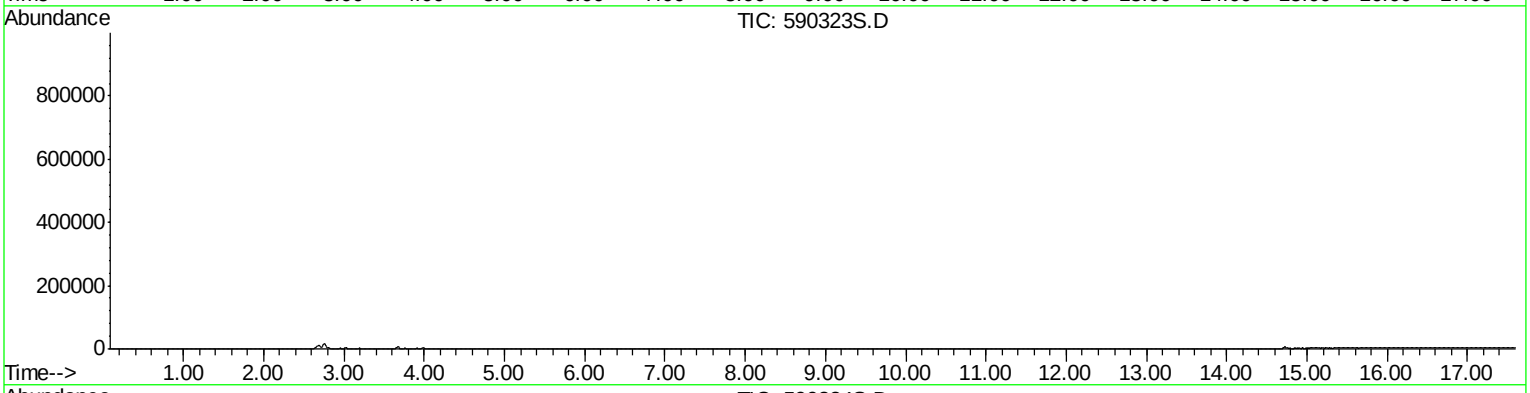


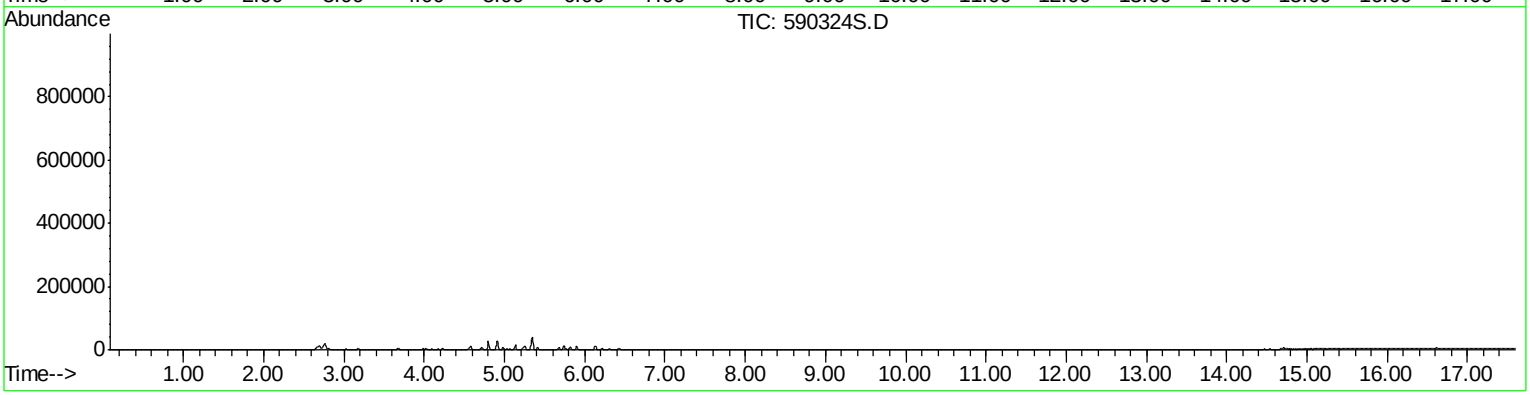
TIC - SITE ESL - PRODUCTION ORDER #13917008
In Numerical Order



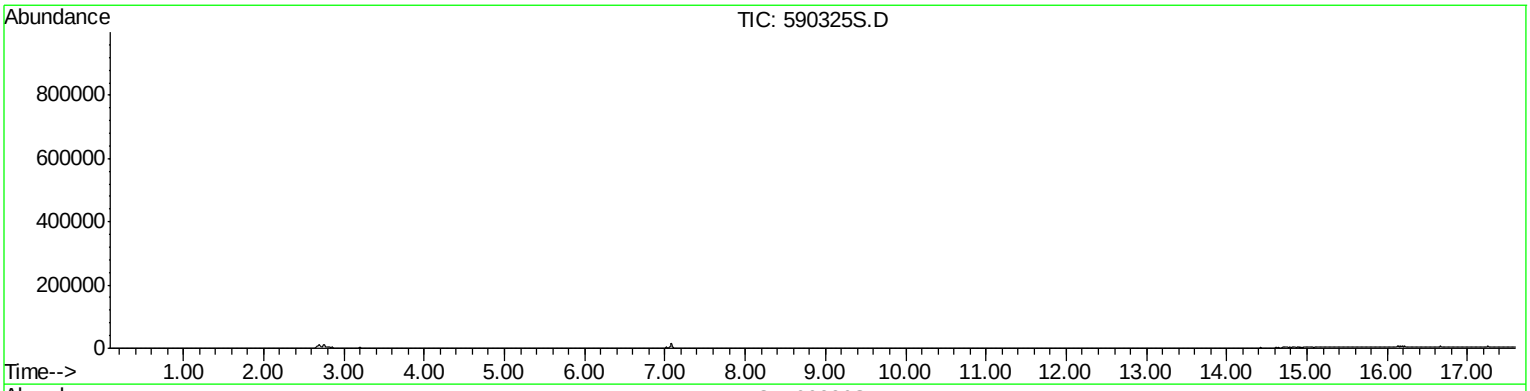


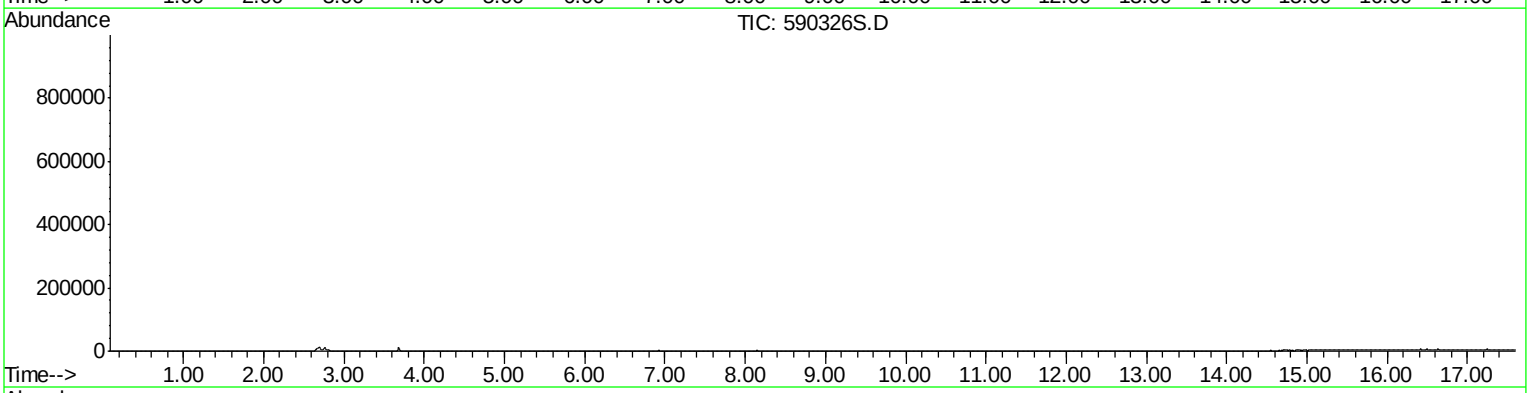


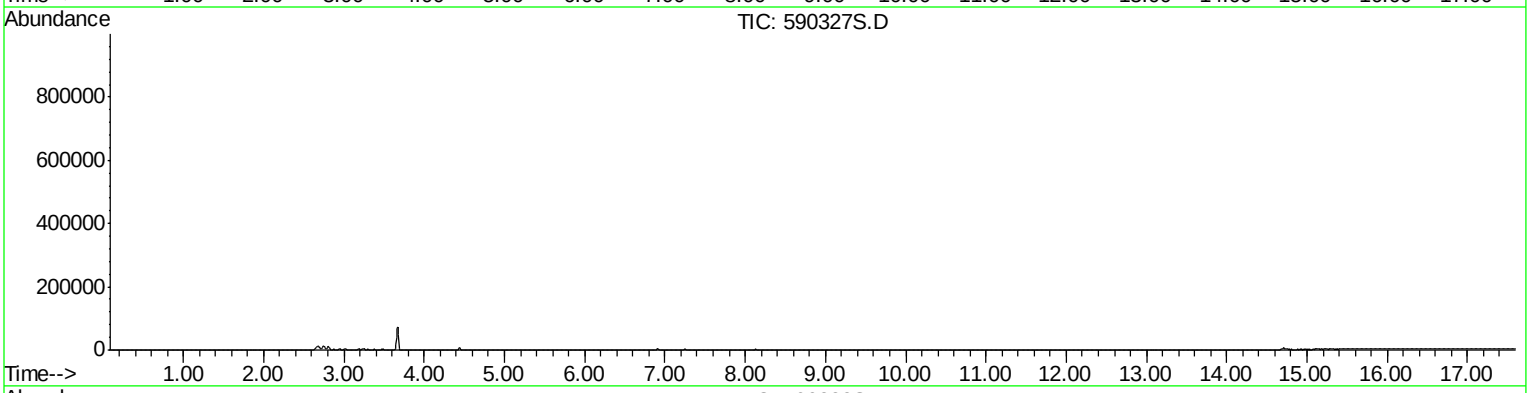


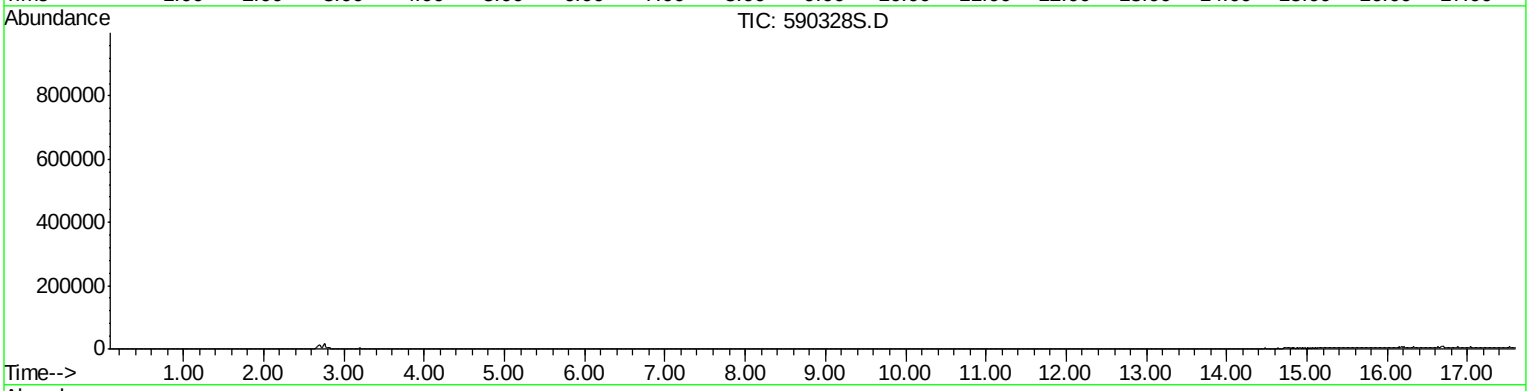


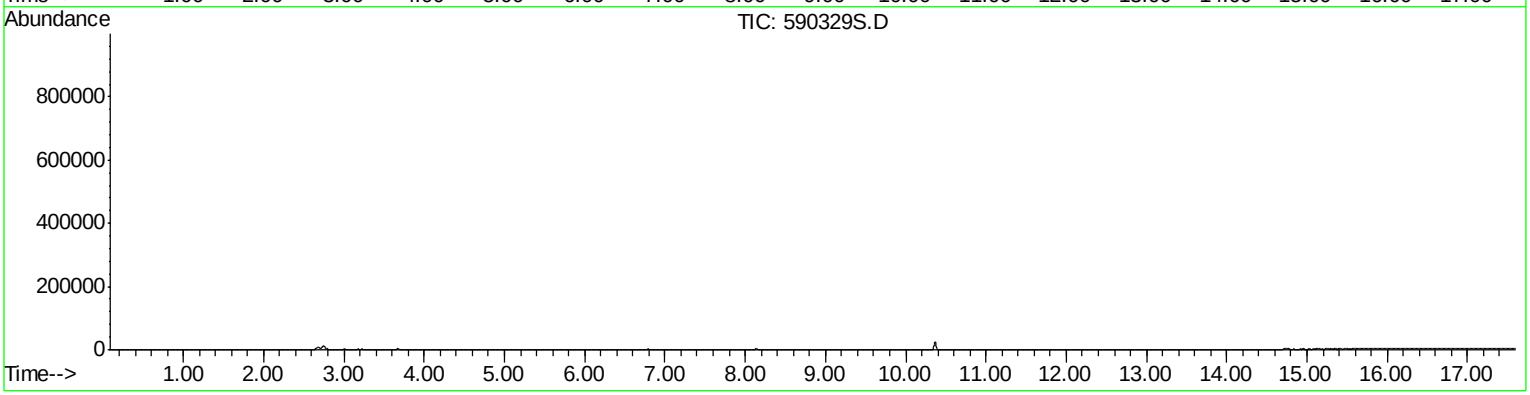
TIC - SITE ESL - PRODUCTION ORDER #13917008
In Numerical Order



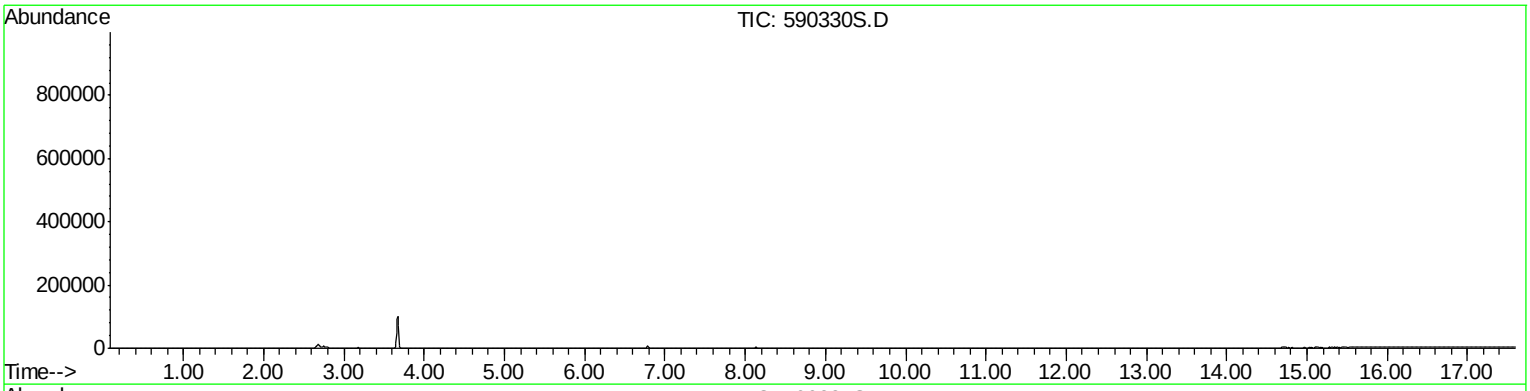


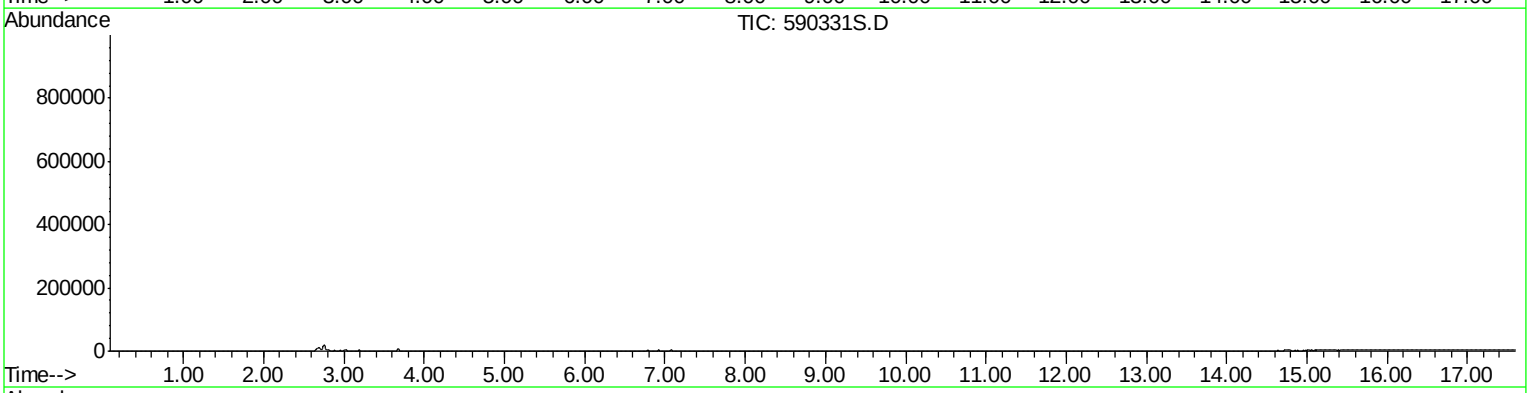


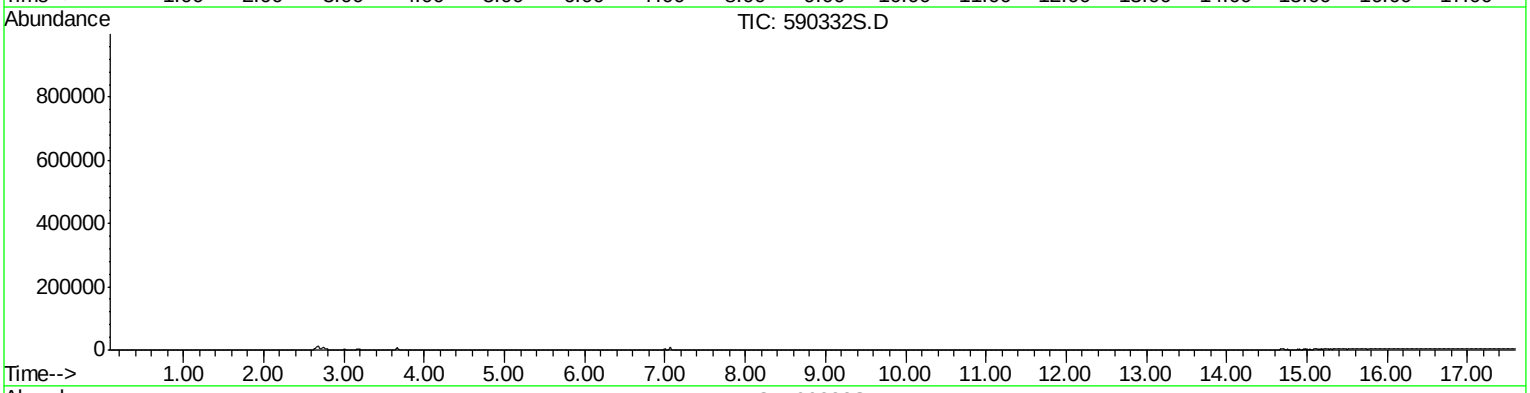


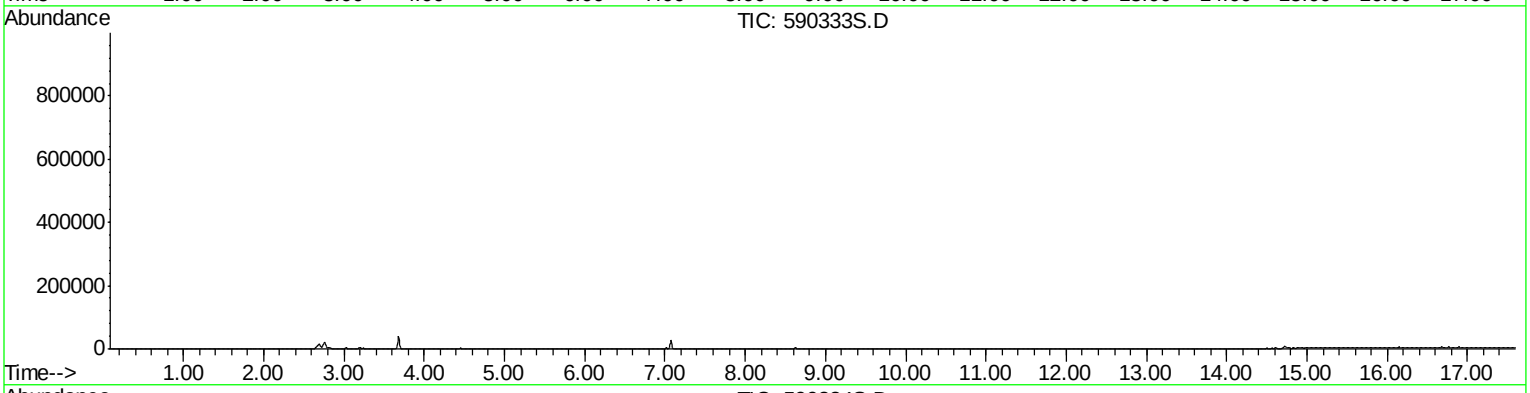


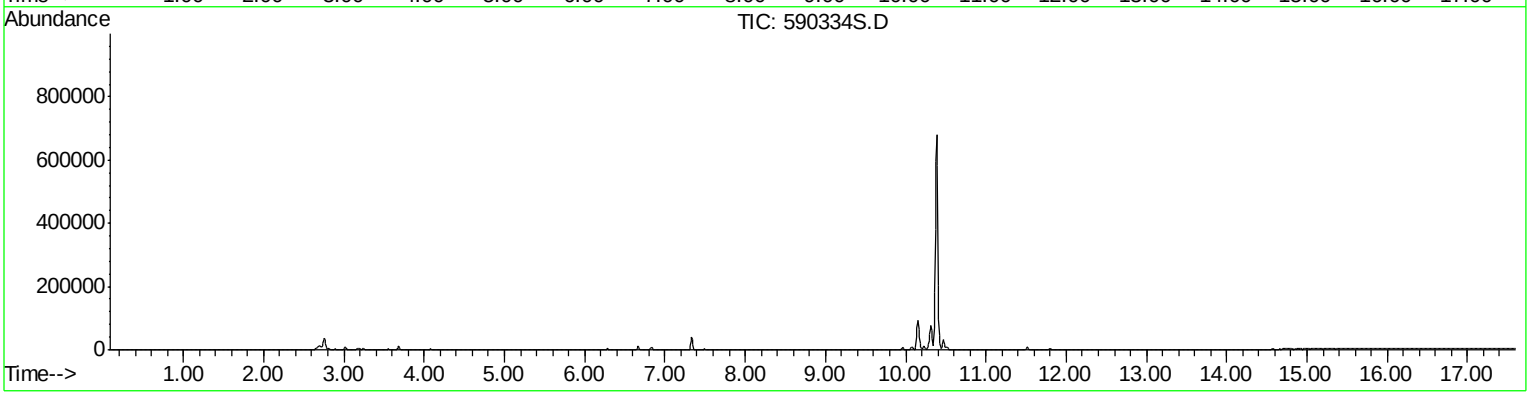
TIC - SITE ESL - PRODUCTION ORDER #13917008
In Numerical Order



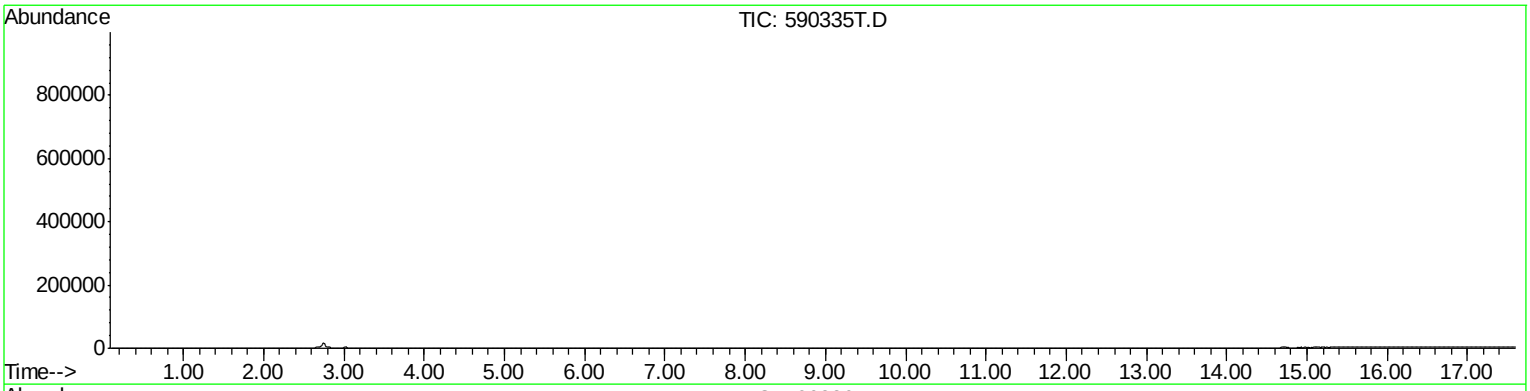


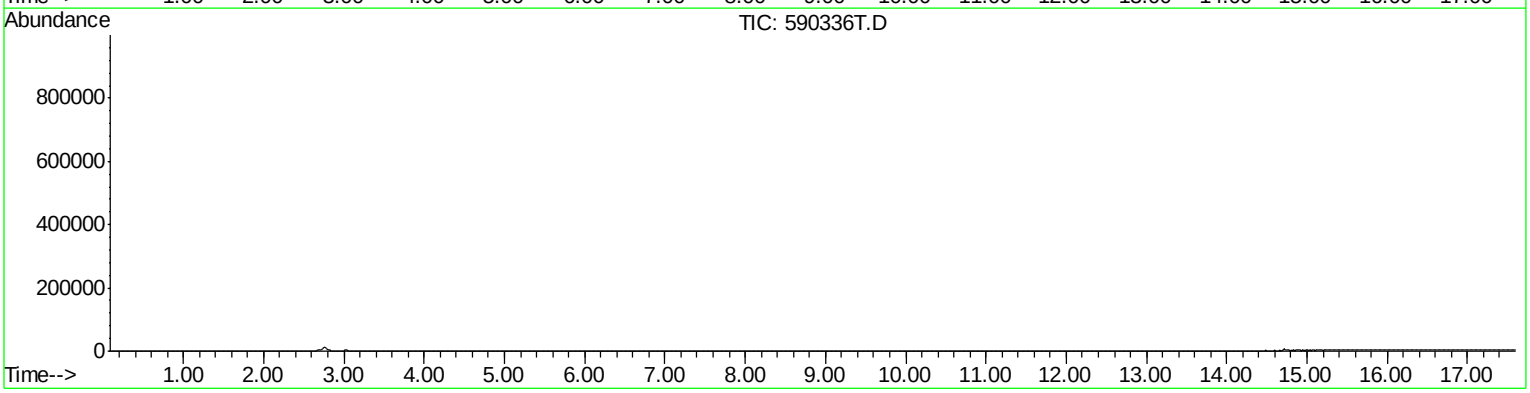






TIC - SITE ESL - PRODUCTION ORDER #13917008
In Numerical Order





Vapor Concentration Calculations

Vapor concentration data from the GORE™ Module, are derived from existing ASTM[1], MDHS[2] and other accepted and approved methods, developed for passive, sorbent-based, diffusion samplers.

Air: $\mu g/m^3$ = Mass/System Factor/[(Sampling Rate)(Exposure Time)

Soil Gas: $\mu g/m^3$ =Air/Soil Effectiveness Factor

Mass = GC/MS measured mass from the Module

System Factor = correction factor for the efficiency of adsorption-desorption specific to the adsorbent, the compound of interest, and the analytical method

Sampling Rate = liters per hour (L/hr) of contaminated air collected by the Module

Soil Effectiveness Factor (E) = corrects for soil porosity and moisture content

Volume of air determinations were made by measuring the uptake rate of the GORE™ Module over time. Modules were placed in a sample chamber equipped with a microbalance. Vapor containing toluene concentrations of 10, 30 and 50 ppm were introduced into the chamber. The mass uptake was recorded through time, and for each concentration was linear with time. The slopes from each linear concentration curve were plotted and modeled. The sampling rate was determined for toluene. In a similar fashion, sampling rates were measured for a number of other petroleum and chlorinated compounds. Using these measured sampling rates and physical properties of these compounds, a model was generated to predict the sampling rates of similar compounds in our analyte list.

The masses of the target compounds are derived by desorbing the Module and analyzing the sample via gas chromatography and mass spectroscopy (GC/MS) following modified EPA methods 8260/8270. The mass is reported in units of micrograms.

System factors account for the efficiency of adsorption and desorption specific to the adsorbent, the compound of interest and the GC/MS method. The system factor is calculated for each target compound.

Soil effectiveness factors (E) is applied to the sampling rate to correct for lower potential flow through the pores of the soil, accounting for physical limitations that can retard the vapor migration process, e.g., low porosity soils and moisture in the vadose zone pore space. The factor is equal to the ratio of the effective diffusion of the compounds to the molecular diffusivity of the compound in air.

REFERENCES

1. ASTM Methods 6306-98, 4597-03, 6246-02, and 5314-93
2. MDHS Methods, 27, 70, and 80
3. Millington, R.J. and J.M. Quirk. 1961. “Permeability of Porous Solids.” Trans. Faraday Soc. 57:1200-1207.
4. User’s Guide for the Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion into Buildings. 2000. PN 050240.004. www.epa.gov/sperfund/programs/risk.airmold/johson_ettinger.htm

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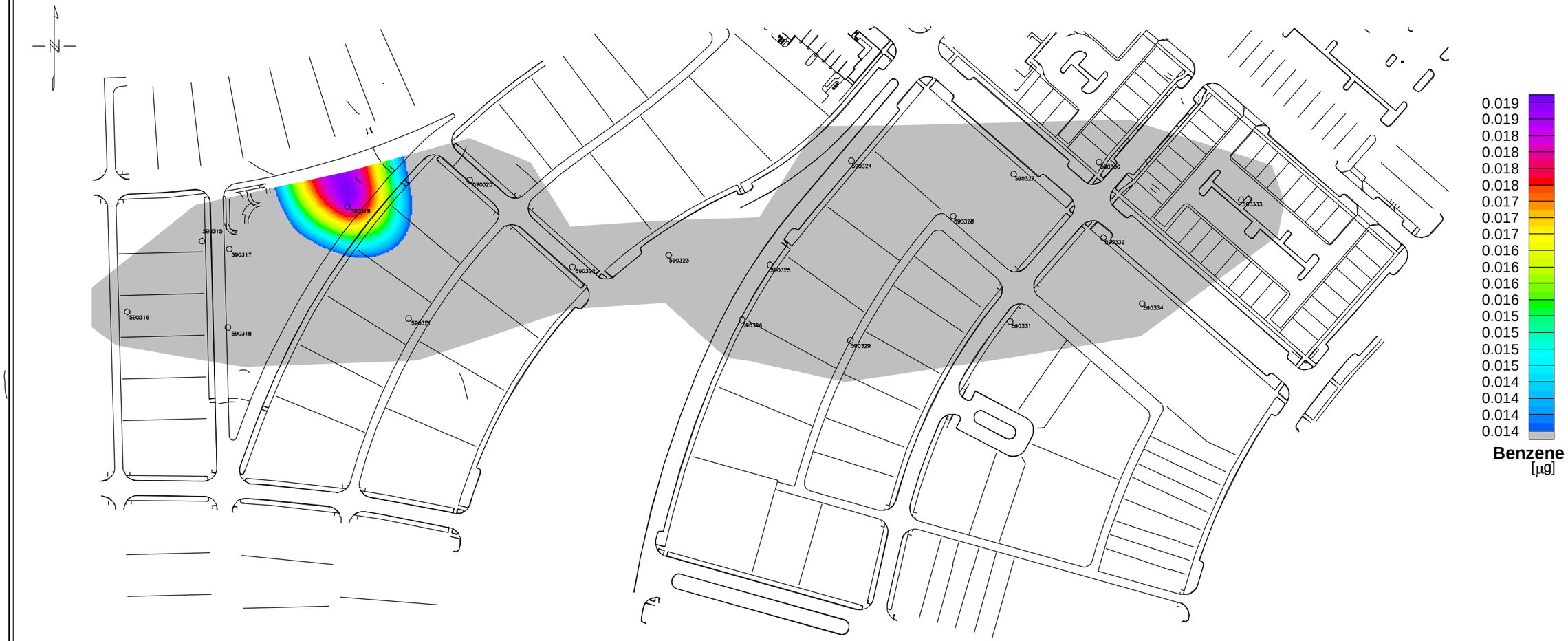

Scale 1:1800

100 0 100 200 300

US survey foot

GORE ™ Surveys for Environmental Site Assessment

W.L. GORE & ASSOCIATES, INC.
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Tetra Tech NUS, Pittsburgh, PA
NTC Orlando - SA - 38, Orlando, FL
Benzene

DATE DRAWN: 23 Jan 2009	DRAWN BY: JW	ORIG. CAD:	SITE CODE: ESL
REV. DATE:	REV. #:	PROJECT NUMBER: 13917008	

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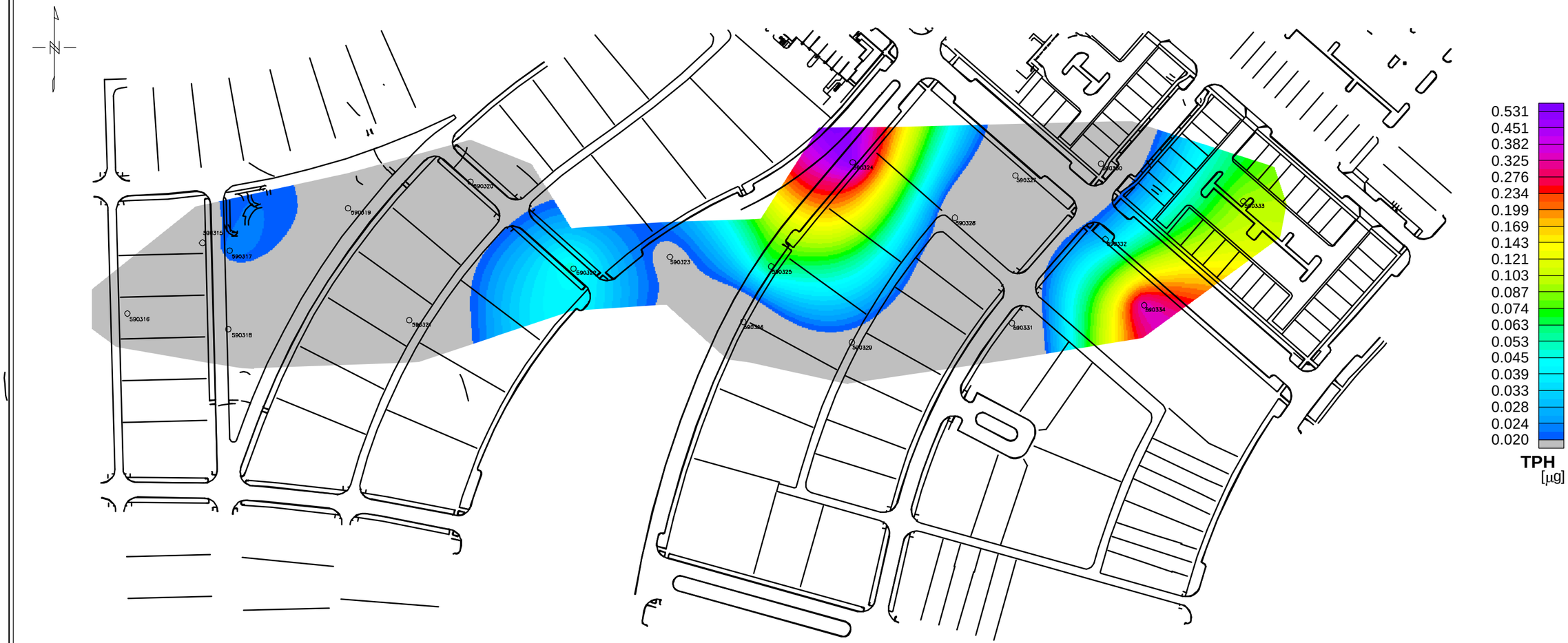

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