

July 8, 2004

MEMORANDUM

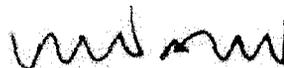
From: BRAC Operations, NAVFAC, EFDSW (06CA.LO)

Subj: PROGRESS REPORT, N62474-98-D-2076/114, RCRA REMOVAL ACTIONS,
IWTP 25 AND 32, ALAMEDA POINT, ALAMEDA, CALIFORNIA

Encl: (1) Progress Report #4 – June 2004

Enclosure (1) is forwarded for your information.

Should you have any questions, please contact Mr. Dan Shafer at 916- 565-4328, or me at 619-532-0969.


LOU A. OCAMPO

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3. Peter Russell, consultant City of Alameda
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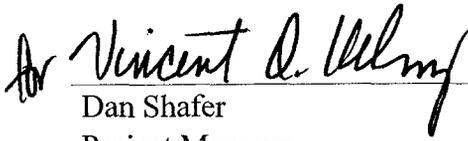
TO: Administrative Contract Officer
Southwest Division
Naval Facilities Engineering Command
Ronald Fuller, 02R1.RF
1230 Columbia St., Suite 870
San Diego, CA 92101

Date : July 08, 2004

CTO : 0114

Location: Alameda

FROM:



Dan Shafer
Project Manager

DESCRIPTION *Field Progress Report #4 - June 2004, RCRA Removal Actions, IWTP 25 and 32, Alameda Point, Alameda, Dated July 8, 2004.*

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Date/Time Received _____ / _____

Field Progress Report #4 – June 2004

CTO & Site Name	0114 – IWTPs 25 and 32
Project Objective:	<p>Remove or render unusable all waste tanks/units and waste conveyance piping from Industrial Waste Treatment Plants (IWTPs) 25 and 32 in accordance with the following:</p> <ol style="list-style-type: none"> 1. <i>Final Amendment to the Closure Plan – IWTP 25</i>, dated October 2003 2. <i>Final Amendment to the Closure Plan – IWTP 32</i>, dated December 8, 2003 3. <i>Amendment to the Closures of IWTPs 25 and 32, Final Work Plan</i>, dated December 17, 2003 <p>Removal of the waste units/piping at IWTPs 25 and 32 is being performed to achieve closure of the Resource Conservation and Recovery Act (RCRA) Part B Permit for these facilities.</p>
Reporting Period:	June 1, 2004 to June 30, 2004
Site(s) Addressed During Reporting Period:	<p><u>IWTP 25</u></p> <ul style="list-style-type: none"> ▪ Collection of concrete chip, soil, and groundwater samples. <p><u>IWTP 32</u></p> <ul style="list-style-type: none"> ▪ Collection of concrete chip and soil samples.
Summary of Activities Performed in This Reporting Period:	<p><u>IWTP 25:</u> Following completion of tank/piping inspections at IWTP 25, sampling locations were identified in the field for collection of soil, groundwater, and concrete chips. Concrete chip sampling commenced in late May and concluded in early June. Underground utilities and the waste pipeline between Building 25 and IWTP 25 were located on June 14, 2004. Soil and groundwater samples were collected within and around IWTP 25 and along the waste pipeline between June 15 and 18, 2004. All samples were submitted to Applied P & CH Laboratories (APCL) for analysis. Sampling locations will be surveyed in July 2004. See Figure 1 for pre-surveyed sampling locations.</p> <p><u>IWTP 32:</u> Concrete chip sampling commenced in late May and concluded in early June. Underground utilities were located on June 14, 2004. Soil samples were collected on June 14, 2004 from two locations on the south side of Building 32 and from two locations on the east side of Building 32. All samples were submitted to APCL for analysis. Sampling locations will be surveyed in July 2004. See Figure 2 for pre-surveyed sampling locations.</p>

Field Progress Report #4 – June 2004 (Continued)

CTO & Site Name	0114 – IWTPs 25 and 32	
Detail of Items Removed or Rendered Unusable:	Waste Tanks/Units	<p><u>IWTP 25</u> Completed in April 2004</p> <p><u>IWTP 32</u> Completed in April 2004</p>
	Waste Pipe Removed	Completed in May 2004
Media Sampling and Analysis:	<p>Following completion of all tank and piping removal activities at IWTPs 25 and 32, concrete chip and soil sampling commenced at both facilities. Groundwater samples were also collected at IWTP 25. Sample media are being analyzed for the following:</p> <p><u>IWTP 25</u></p> <p><u>Concrete chips</u>: site specific metals (Method 6010B); mercury (Method 7471A); hexavalent chromium (Method 7196A)</p> <p><u>Soil</u>: site specific metals (Method 6010B); mercury (Method 7471A); hexavalent chromium (Method 7196A); VOCs (Method 8260B)</p> <p><u>Water</u>: site specific metals (Method 6010B); mercury (Method 7470A); hexavalent chromium (Method 7196A); VOCs (Method 8260B)</p> <p><u>IWTP 32</u></p> <p><u>Concrete chips</u>: site specific metals (Method 6010B); mercury (Method 7471A); cyanide (Method E335.2); hexavalent chromium (Method 7196A)</p> <p><u>Soil</u>: site specific metals (Method 6010B); mercury (Method 7471A); cyanide (Method E335.2); hexavalent chromium (Method 7196A); VOCs (Method 8260B)</p>	
Evaluation of Analytical Results:	Data validation pending	
Transportation and Disposal	All waste T&D activities were completed in May 2004.	
Schedule:	See attached for updated project schedule.	

Figures

DRAWING NUMBER 101643-D1

APPROVED BY DS

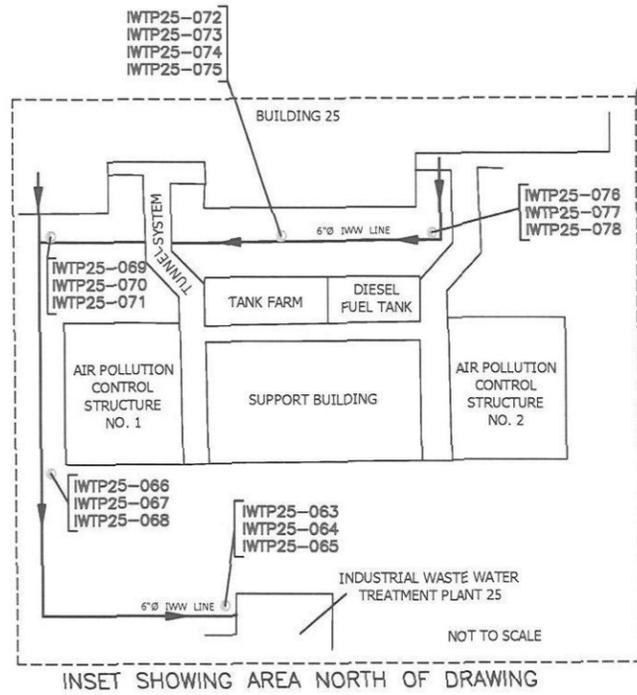
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DRAWN BY B. JENSEN 6-22-04

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IMAGE

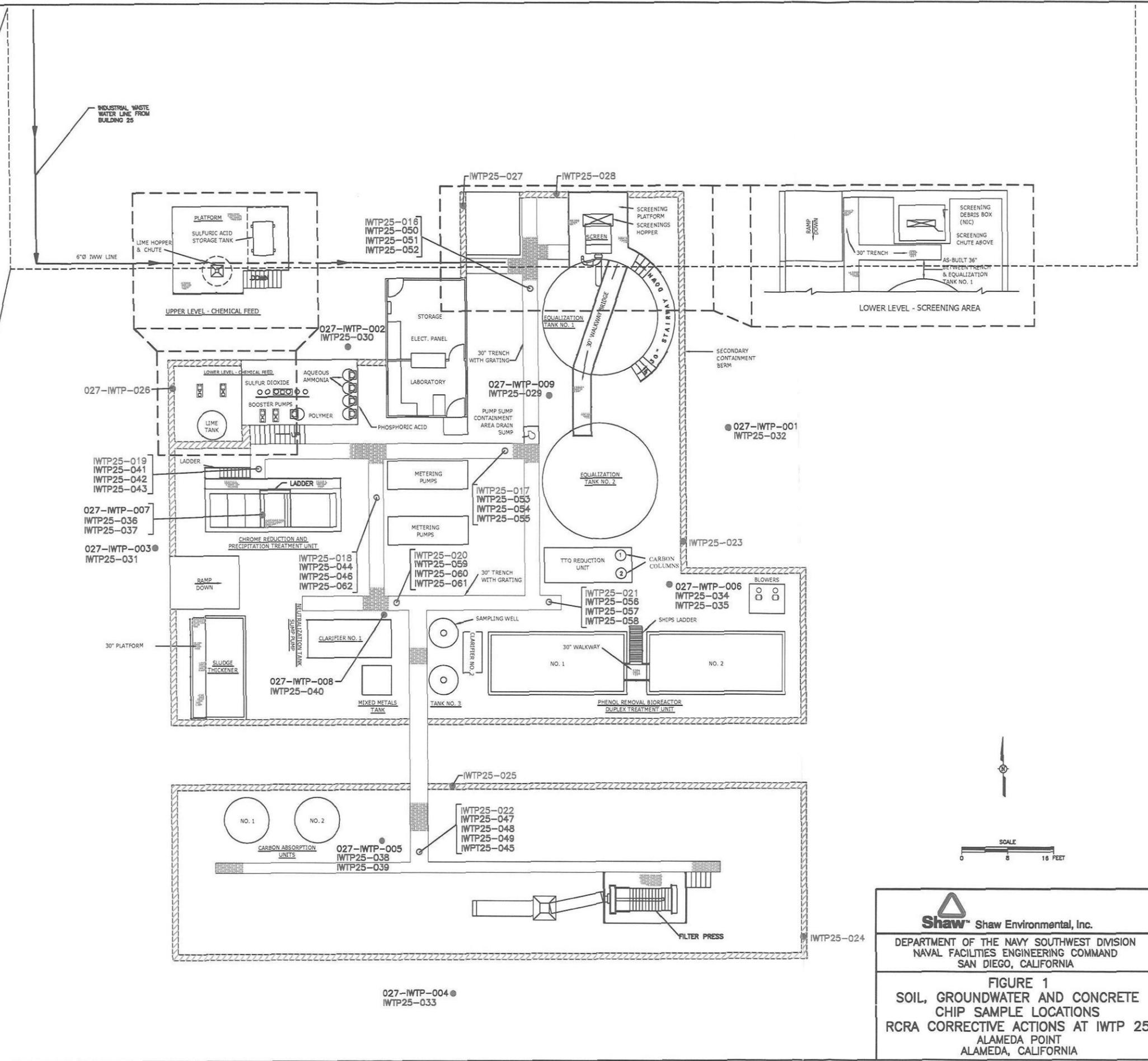


INSET SHOWING AREA NORTH OF DRAWING

- LEGEND**
- PREVIOUS SOIL SAMPLE LOCATION (SEE NOTE 2)
 - PIPELINE SOIL SAMPLE LOCATION (SEE NOTE 2)
 - TRENCH LOCATIONS FOR SOIL/GROUNDWATER/CONCRETE CHIP SAMPLES (SEE NOTES 1 AND 2)
 - ▨ TRENCH WITH GRATING
 - ▩ SECONDARY CONTAINMENT BERM
 - IWW LINE (APPROXIMATE LOCATION BASED ON CONSTRUCTION DRAWINGS)

The dash line shows an inset of top of the figure on this page and part of the figure on another page.

- NOTES:**
1. SAMPLE ID'S IN GREEN ARE CONCRETE CHIP SAMPLES.
 2. SAMPLE ID'S IN RED ARE SOIL AND GROUNDWATER SAMPLES.
 3. SAMPLE ID'S IWTP25-023 THROUGH IWTP25-028 ARE BACKGROUND CONCRETE CHIP SAMPLES COLLECTED FROM THE EXTERIOR OF THE PERIMETER BERM.
 4. SAMPLES SHOWN ARE APPROXIMATE. SURVEY IS PENDING.



Shaw Shaw Environmental, Inc.
 DEPARTMENT OF THE NAVY SOUTHWEST DIVISION
 NAVAL FACILITIES ENGINEERING COMMAND
 SAN DIEGO, CALIFORNIA

FIGURE 1
 SOIL, GROUNDWATER AND CONCRETE
 CHIP SAMPLE LOCATIONS
 RCRA CORRECTIVE ACTIONS AT IWTP 25
 ALAMEDA POINT
 ALAMEDA, CALIFORNIA

DRAWING NUMBER 101643-D2

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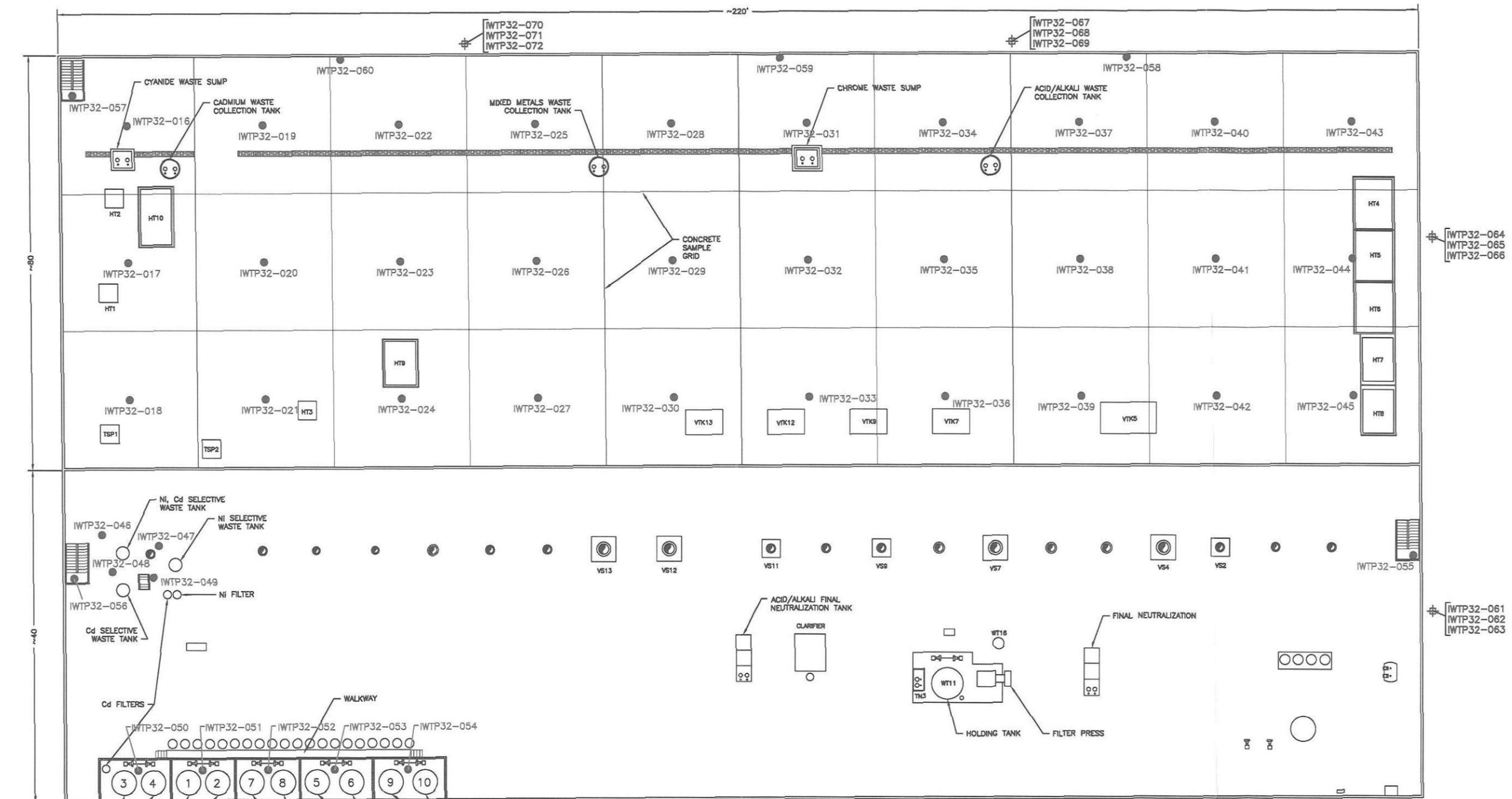
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CADMIUM WASTE TANKS
 CYANIDE WASTE TANKS
 CHROME WASTE TANKS
 MIXED METALS WASTE TANKS
 ACID/ALKALI WASTE TANKS

- NOT TO SCALE
- LEGEND**
- TRENCH WITH GRATING
 - SECONDARY CONTAINMENT BERM
 - CONCRETE CHIP SAMPLE LOCATION (SEE NOTES 1, 3 AND 5)
 - SOIL SAMPLE LOCATION (SEE NOTES 2 AND 4)
 - VENT STACK
 - SCRUBBER

- NOTES:**
1. SAMPLE ID'S IN GREEN ARE CONCRETE CHIP SAMPLES.
 2. SAMPLE ID'S IN RED ARE SOIL SAMPLES.
 3. SAMPLE ID'S IWTP32-055 THROUGH IWTP32-060 ARE BACKGROUND CONCRETE CHIP SAMPLES.
 4. SOIL SAMPLE LOCATIONS ON THE SOUTH SIDE WERE OFFSET FROM THE EXTERIOR OF THE EAST WALL OF BUILDING 32 AND STAIRWELL LOCATIONS AS SHOWN.
 5. BACKGROUND CONCRETE CHIP SAMPLE LOCATIONS WERE COLLECTED FROM THE EXTERIOR OF THE EAST WALL OF BUILDING 32 AND STAIRWELL LOCATIONS AS SHOWN.
 6. SAMPLE LOCATIONS SHOWN ARE APPROXIMATE. SURVEY IS PENDING.

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DEPARTMENT OF THE NAVY SOUTHWEST DIVISION
 NAVAL FACILITIES ENGINEERING COMMAND
 SAN DIEGO, CALIFORNIA

FIGURE 2

SOIL AND CONCRETE
 CHIP SAMPLE LOCATIONS
 RCRA CORRECTIVE ACTIONS AT IWT 32
 ALAMEDA POINT
 ALAMEDA, CALIFORNIA

Schedule

Project Schedule
Removal/Closure of IWTPs 25 and 32
Alameda Point, California

ID	Task Name	Start	Finish	November				December				January		
				11/16	11/23	11/30	12/7	12/14	12/21	12/28	1/4	1/11		
1	Pre-Construction Activities	Mon 12/8/03	Tue 5/3/05											
8														
9	Field/Construction	Mon 2/16/04	Wed 1/12/05											
10	IWTP 25 & 32 Tank and Piping Removal	Mon 2/16/04	Wed 1/12/05											
11	Facility Lockout/Tagout	Mon 2/16/04	Fri 4/30/04											
12	Daily AHA Evaluation	Mon 3/15/04	Thu 6/17/04											
13	Miscellaneous Waste Sampling	Mon 2/16/04	Wed 6/2/04											
14	Tank and Piping Removal	Mon 3/15/04	Wed 5/19/04											
24	T&D	Wed 4/7/04	Wed 5/19/04											
25	Utility Location	Thu 6/10/04	Mon 6/14/04											
26	Site Surveying	Tue 7/13/04	Wed 7/14/04											
27	Subsurface Soil & GW Sampling	Mon 6/14/04	Fri 6/18/04											
28	Data Validation	Mon 8/2/04	Tue 8/31/04											
29	Data Management	Thu 7/1/04	Fri 11/12/04											
30	NEDTS	Wed 12/15/04	Wed 1/12/05											
31	IWTP 25 & 32 Tank Reports	Tue 3/30/04	Fri 4/22/05											
32	Tank Removal Reporting (monthly)	Tue 3/30/04	Thu 7/15/04											
33	Closure Reports	Mon 7/12/04	Fri 4/22/05											
34	IWTP 32	Mon 7/12/04	Fri 3/4/05											
35	Report Preparation	Mon 7/12/04	Wed 10/20/04											
36	Submit Internal Draft to Navy	Wed 10/20/04	Wed 10/20/04											
37	Navy Review	Wed 10/20/04	Wed 11/10/04											
38	RTC and Prepare Draft	Wed 11/10/04	Thu 12/23/04											
39	Submit Draft to Navy and DTSC	Thu 12/23/04	Thu 12/23/04											
40	DTSC Review	Thu 12/23/04	Fri 1/21/05											
41	RTC and Prepare Final	Mon 1/24/05	Fri 3/4/05											
42	Submit Final to Navy and DTSC	Fri 3/4/05	Fri 3/4/05											
43	IWTP 25	Wed 9/15/04	Fri 4/22/05											
44	Report Preparation	Wed 9/15/04	Wed 12/8/04											

Project: 101643 (CTO 114)
Date: Tue 7/6/04

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

Project Schedule
Removal/Closure of IWTPs 25 and 32
Alameda Point, California

ID	Task Name	Start	Finish	November			December					January	
				11/16	11/23	11/30	12/7	12/14	12/21	12/28	1/4	1/11	
45	Submit Internal Draft to Navy	Wed 12/8/04	Wed 12/8/04										
46	Navy Review	Wed 12/8/04	Wed 12/29/04										
47	RTC and Prepare Draft	Wed 12/29/04	Thu 2/10/05										
48	Submit Draft to Navy and DTSC	Thu 2/10/05	Thu 2/10/05										
49	DTSC Review	Thu 2/10/05	Fri 3/11/05										
50	RTC and Prepare Final	Mon 3/14/05	Fri 4/22/05										
51	Submit Final to Navy and DTSC	Fri 4/22/05	Fri 4/22/05										
52	Distributives/Management	Fri 12/5/03	Fri 6/3/05										

Project: 101643 (CTO 114)
Date: Tue 7/6/04

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	