Previous

FUEL LINE CORRECTIVE ACTION AREA A

Point Name: PA01-01
Sample Identification: 030-CAP-260

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: HP-PA01-DG3-01	Date Started: 4-25-00
Drilling Method: (*Circle one*) HSA Continuous Core GeoProbe Hand Auger	Date Completed: 4-25-00
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B. J. Mullholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Cortes.
Depth to Water (ft./bgs.) ~4.0'	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
1330	0.0					Sand, 0.0 to 8.0' bgs, well graded sand, 10YR 4/1, dark gray, dry, loose, no cementation, no odor, no visible staining.	SW		0.0
	1.0								
	2.0								
	3.0								
	4.0				1350	Sand, as above, wet @ 4.0' bgs			
1345		030-CAP-260			030-CAP-383		SW		0.0
	5.0								

Duplicate Sample

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
	5.0					Sand, as above, wet.	SW	0
	6.0							
	7.0							
	8.0					Sand, as above, wet	SW	0.
						Borehole terminated @ 8.0' bgs. Borehole grouted on 4-25-00		

Point Name: PA01-02
Sample Identification: 030-CAP-261

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: HP-PA01-DG3-02	Date Started: 4.25.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 4.25.2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mollalland
Outer Diameter of Boring: 2" OD.	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carlos.
Depth to Water (ft./bgs.) ~4.0' bgs.	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM
1246	0.0					Sand, 0.0 to 8.0' bgs, well graded sand, 10YR 4/1, dark gray, dry, loose, no cementation, no odor, no visable staining.	SW		0.0
	1.0								
	2.0								
	3.0								
	4.0								
1300		030-CAP-261				Sand, as above, wet @ 4.0' bgs	SW		0.0
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
	5.0					Sand, as above, wet.	SW	0
	6.0							
	7.0							
	8.0					Sand, as above, wet.	SW	0.
						Borehole terminated @ 8.0' bgs., Borehole grouted on 4-25-00.		

Point Name: PA01-03
Sample Identification: 030-CAP-262

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: HP.PA01.DG3.03	Date Started: 4.25.00
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mullholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing:	Driller: J. Curlos
Depth to Water (ft./bgs.) ~4.0' bgs.	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
1115	0.0					Sand, 0.0 to 8.0' bgs, well graded sand, 10YR 4/1, dark grey, dry, loose, no cementation, no odor, no visible staining	SW	0.
	1.0							
	2.0							
	3.0					Sand, as above, wet @ 4.0' bgs.	SW	0.1
	4.0							
1130		030-CAP-262						
	5.0							

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
	5.0							
						sand as above, wet.	SW	0
	6.0							
	7.0							
							SW	0.
	8.0					Borehole terminated @ 8.0' bgs. Borehole grouted @ on 4-25-2000		

Point Name: PA01-04
Sample Identification: 030-CAP-263
Sample Identification: 030-CAP-383

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: HP-PA01-DG3-04	Date Started: 4.25.00
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 4.25.00
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B. J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) ~3.5' bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
1426	0.0					Sand, 0.0 to 8.0' bgs, well graded sand, 10YR 4/1, dark gray, dry, loose, no cementation, no odor, no visible staining	SW	0.
	1.0							
	2.0							
	3.0							
	3.5					Sand, as above, wet @ 3.5'		
1435	4.0	030-CAP-263					SW	0.
						Sand, as above, wet.		
	5.0							

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
	5.0							
						Sand, as above, wet	SW	0.
	6.0							
	7.0							
						Sand, as above; wet.	SW	0.
	8.0					Borehole terminated @ 8.0' bgs.		

Point Name: PA01-05
Sample Identification: 030-CAP-264
Sample Identification: 030-CAP-265
Sample Identification: 030-CAP-266

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-PA01-DG9-01	Date Started: 4-25-00
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 4-25-00
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: Juan Carlos
Depth to Water (ft./bgs.) ~6.5'	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM
1004	0.0					Sand, 0.0 to 8.0' bgs, well graded sand, 10YR 4/1, dark gray, dry, loose, no cementation, no odor present, no product staining observed.	SW		0.0
	1.0								
	2.0								
	3.0								
	3.5	030-CAP-264				Sand, as above	SW		0.0
1020	4.0					Sand, as above			
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
	5.0							
						Sand, as above,	SW	0
	6.0							
1030	6.5	030-CN-DB-7.0 (7.0–7.5)				Sand, as above, wet @ 6.5' bgs.		
1025	7.0							
	7.5						SW	0
	8.0					Borehole terminated @ 8.0' bgs. Borehole grouted on 4-25-00		

FUEL LINE CORRECTIVE ACTION AREA B

Point Name: PA02-01
Sample Identification: 030-CAP-294
Sample Identification: 030-CAP-386

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: HP-PA02-DG9-01	Date Started: 5-3-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mullholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Cerdos
Depth to Water (ft./bgs.) ~4.0' bgs.	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
1300	0.0					0.0 to 0.5' bgs, concrete.			
	1.0					0.5 to 8.0' bgs, sand, gravelly sand, poorly graded, 5YR 5/3, reddish brown, dry, loose, no cementation, no odor, no visible staining.	SP		0.0
	2.0								
	3.0								
	4.0					Sand, as above, wet @ 4.0' bgs	SP		0.0
0840	5.0	030-CAP-294			030-CAP-386 0845				

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
	5.0					Sand, as above, wet @ 4.0' bgs.	SP	0
	6.0					Sand, as above, sand changes color to 5BG 2.5/1 greenish black, no odor, no visible staining. @ ~ 6.2'	SP	0
	7.0							
	8.0					Borehole terminated @ 8.0' bgs	SP	0.

Point Name: PA02-02
Sample Identification: 030-CAP-270
Sample Identification: 030-CAP-271
Sample Identification: 030-CAP-295
Sample Identification: 030-CAP-384

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-PA02-DG9-01	Date Started: 5-3-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos.
Depth to Water (ft./bgs.) ~4.0' bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
0902	0.0					0.0 to 0.5' bgs concrete.			
	1.0					0.5 to 10.0' bgs, Sand, gravelly sand, poorly graded, 5YR 5/3, reddish brown, dry, loose, no cementation, no odor, no visible staining.	SP		0.0
0920	2.0	030-CAP-270							
	3.0								
0936	4.0	030-CAP-295			▼	Sand, as above, wet @ 4.0' bgs	SP		0.
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	
0925	5.0								
		030-CAP-271				Sand, as above, no odor, no visable staining	SP		0.
0930	6.0								
		030-CAP-384							
	7.0					@ 6.8' Sand, as above, sand changes color to 5BG 2.5/1, greenish black, no odor, no visable staining	SP		0.
	8.0								
	9.0								
	10.0					Sand, as above, no odor, no visable staining	SP		0.
						Borehole terminated @ 10.0' bgs.			

Point Name: PA02-03
Sample Identification: 030-CAP-272
Sample Identification: 030-CAP-273
Sample Identification: 030-CAP-296

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-PA02-DG9-03	Date Started: 5.3.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2"OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) ~4.0'bgs.	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
955	0.0								
						0.0 to 1.0'bgs, concrete.			
	1.0					1.0 to 10.0'bgs, sand, gravelly sand, poorly graded, 5YR 5/3, reddish brown, dry, loose, no cementation, no odor, no product staining	SP		0.1
1015	2.0								
		030-CAP-272							
	3.0								
	4.0				▼	Sand, as above, wet @ 4.0'bgs			
1025		030-CAP-296					SP		0.
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	
1020	5.0	030-CAP. 273				Sand, as above, no odor, no visible staining	SP		0.
	6.0								
	7.0					Sand, as above, color changes to 5BG 2.5/1, greenish black, no odor, no visible staining	SP		0.
	8.0								
	9.0								
	10.0					Sand, as above, no odor, no visible staining.	SP		0.
						Borehole terminated @ 10.0' bgs.			

Point Name: PA02-04
Sample Identification: 030-CAP-274
Sample Identification: 030-CAP-275
Sample Identification: 030-CAP-297

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-PA02-D09-05	Date Started: 5-3-2000
Drilling Method: (Circle one) HSA Continuous Core GeoProbe Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) ~4.0' bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, etc.	Description	USCS soil symbol	Well construction	OVM (ppm)
36	0.0					0.0 to 1.0' bgs - Concrete			
	1.0					1.0' to 10.0' bgs, sand, gravelly sand, poorly graded, 5YR 5/3, reddish brown, dry, loose, no cementation, no odor, no visible staining	SP		0.0
1100	2.0	030-CAP-274							
	3.0								
1115	4.0				▼	Sand, as above, wet @ 4.0' bgs	SP		0.0
	5.0	030-CAP-297							

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	
1110	5.0	030-CAP-276				Sand, as above, no odor, no visable staining	SP		0
	6.0								
	7.0					Sand, as above, @ 7.0' bgs, sand color changes to 5BG 2.5/1, greenish black, no odor, no visable staining	SP		0
	8.0								
	9.0								
	10.0					Sand, as above, no odor, no visable staining Borehole terminated @ 10.0' bgs.	SP		0

Point Name: PA02-05
Sample Identification: 030-CAP-276
Sample Identification: 030-CAP-277
Sample Identification: 030-CAP-298

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-PA02-DG9-07	Date Started: 5-3-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing:	Driller: J. Carlos.
Depth to Water (ft./bgs.) ~4.0'bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility typ. dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
1345	0.0					0.0 to 1.0' concrete			
						1.0 to 10.0', Sand, gravelly sand, poorly graded 5YR 5/3, reddish brown, dry, loose, no cementation, no odor, no visual staining.	SP		0.
	1.0								
1400	2.0	030-CAP-276							
	3.0								
1410	4.0				▼	Sand, as above, wet @ 4.0'bgs	SP		0
	5.0	030-CAP-298							

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	
	5.0								
						Sand, as above, no odor, no visable staining.	SP		0.
1405	6.0								
		GBO<NP: 277							
	7.0								
						Sand, as above, color changes to 5BG 2.5/1, greenish black @ 7.0' bgs., no odor, no visable staining	SP		0.
	8.0								
	9.0								
						Sand, as above, no odor, no visable staining	SP		0.
	10.0					Borehole terminated @ 10.0' bgs.			

Point Name: PA02-06
Sample Identification: 030-CAP-278
Sample Identification: 030-CAP-279
Sample Identification: 030-CAP-299

Tetra Tech EM Inc.

BOREHOLE LOG

SHEET 1 OF 1

LOCATION OF BOREHOLE		
40	41	• ← location

JOB NO.: CTO 30	BOREHOLE ID: GP-PA02-DG9-00
CLIENT:	DEPTH TO WATER: 4'
SITE: Alameda Point	LOGGED BY: [illegible]
SUBSITE: PA-06B	DRILLING DATE(S): 5/8
DRILLING CO.: Precision	DRILLING METHOD: Geoprobe
PERSONNEL: Juan H	SAMPLING METHOD:

SAMPLE INTERVAL TOP	BOTTOM	RECOVERED	BLOWS/6 IN. SAMPLE	TIME	PID READING	LABORATORY ANALYSIS	DEPTH IN FEET	USCS SOIL TYPE	SOIL DESCRIPTION
									Concrete
				10:13			1		Sand - fine sand. H. Grown loose
							2		
							3		moist to wet @ 3'
				10:15		X	4	▽	
				10:15		X			Sand - grey green fine sand wet. loose
						X	5		
							6		
							7		
				10:20			8		
							9		
							10		Sand - as above - loose
									TD = 10.0
							1		
							2		
				10:40					Water Sample
							3		HP-PA02-DG9-06
									030-CAP-299
							4		
							5		
							6		
							7		
							8		
							9		
							0		

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Point Name: PA02-07
Sample Identification: 030-CAP-280
Sample Identification: 030-CAP-281
Sample Identification: 030-CAP-300
Sample Identification: 030-CAP-385

BOREHOLE LOG

SHEET ____ OF ____

LOCATION OF BOREHOLE		
fence location	JOB NO.:	BOREHOLE ID: GP-PA02-DG9-11
	CLIENT:	DEPTH TO WATER: 4'
	SITE: Alameda Point	LOGGED BY: JCB
	SUBSITE: PA-02	DRILLING DATE(S): 5/8/00
	DRILLING CO.: Precision	DRILLING METHOD: Geoprobe
41	PERSONNEL:	SAMPLING METHOD:

SAMPLE INTERVAL TOP	BOTTOM	RECOVERED	BLOWS/6 IN. SAMPLE	TIME	PID READING	LABORATORY ANALYSIS	DEPTH IN FEET	USCS SOIL TYPE	SOIL DESCRIPTION
				13.40					Concrete
							1		Sand - fine to med sand, loose, wet
							2		
						X	3		Sample 2.8'-3.8'; -280
		NR		13.45		X	4	▽	
						D			Sample 281; 385 4-6 (4-4.5, 4.5-5.5, 5.5-6)
						X	5		
						X			
						D	6		
							7		Sand - black, fine to med sand;
		NR		13.50			8		
							9		
							10		TD = 10.0' bgs
				14.10			1		
							2		HP-PA02-DG9-D7
									030-CAP-300
							3		
							4		
							5		
							6		
							7		
							8		
							9		
							0		

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Point Name: PA02-08
Sample Identification: 030-CAP-282
Sample Identification: 030-CAP-283
Sample Identification: 030-CAP-301

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-PA02-DG9.13	Date Started: 5.3.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2"OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) ~4.0' bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
30	0.0					0.0 to 0.5'bgs, concrete			
						0.5 to 10.0'bgs, sand, gravelly sand, poorly graded, 5YR 5/3, reddish brown, dry, loose, no cementation, no odor, no visible staining	SP		0.0
	1.0								
1140	2.0	030-CAP-282							
	3.0								
1150	4.0				▼	Sand, as above, wet @ 4.0'bgs	SP		0.0
	5.0	030-CAP-301							

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	
	5.0					Sand, as above, wet, no odor, no visable staining	SP		0.
1145	6.0								
		030-CAP-283				Sand, as above, @ 6.8' bgs, sand color changes to 5BG 2.5/1, greenish black, no odor, no visable staining	SP		0.
	7.0								
	8.0								
	9.0								
	10.0					Sand, as above, no odor, no visable staining	SP		0.
						Borehole terminated @ 10.0' bgs.			

Point Name: PA02-09
Sample Identification: 030-CAP-284
Sample Identification: 030-CAP-285
Sample Identification: 030-CAP-302

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-PA02-DG4-15	Date Started: 5-3-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) ~4.0' bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
1330	0.0					0.0 to 1.0' - concrete.			
	1.0					1.0 to 10.0' - sand, gravelly sand, poorly graded, 5YR 5/3, reddish brown, dry, loose, no cementation, no odor, no visible staining	SP		0.0
1450	2.0	030-CAP-284							
	3.0								
1500	4.0	030-CAP-302			▼	Sand, as above, wet @ 4.0'	SP		0.0
	6.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction
	5.0					Sand, as above, wet @ 4.0' bgs, no odor, no visible staining.	SP	0.
1455	6.0							
		030-CAP.285						
	7.0							
						Sand, as above, sand changes color to 5BG 2.5/1, greenish black @ 7.5' bgs., no odor, no visible staining.	SP	0.
	8.0							
	9.0							
	10.0					Sand, as above, no odor, no visible staining.	SP	0.
						Borehole terminated @ 10.0' bgs.		

Point Name: PA02-10
Sample Identification: 030-CAP-286
Sample Identification: 030-CAP-287
Sample Identification: 030-CAP-303

Tetra Tech EM Inc.

BOREHOLE LOG

SHEET ____ OF ____

LOCATION OF BOREHOLE		
	JOB NO.:	BOREHOLE ID: GP-PA02-DG9-17
	CLIENT:	DEPTH TO WATER: 3.9
	SITE: Alameda Point	LOGGED BY: [illegible]
	SUBSITE: ~~BA~~ PA-B	DRILLING DATE(S): 5/8
	DRILLING CO.: Precision	DRILLING METHOD: Geoprobe
	PERSONNEL: Ivan M	SAMPLING METHOD:

SAMPLE INTERVAL TOP	BOTTOM	RECOVERED	BLOWS/6 IN. SAMPLE	TIME	PID READING	LABORATORY ANALYSIS	DEPTH IN FEET	USCS SOIL TYPE	SOIL DESCRIPTION
				11.00					Concrete 8"
							1		Sand - fine sand, minor <10% med sand, loose; tan to lt. brown; no fines; no odors or staining
							2		
						X	3		2.8-3.8 is sample depth Ø3Ø-CAP-286
				11.05		X	4	▽	
						X	5		Sand - fine sand; minor med sand, no fines loose, wet, lt. brown, no odors or staining
							6		
							7		odor change to grey starting @ 5.0-5.5' bgs
				11.08			8		
							9		
				11.15			10	▽	
				11.30			1		TD = 10.0' bgs set screen for water sample
							2		HP-PA02-DG9-10; Ø3Ø-CAP-303
							3		
							4		
							5		
							6		
							7		
							8		
							9		
							0		

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Point Name: PA02-11
Sample Identification: 030-CAP-288
Sample Identification: 030-CAP-289
Sample Identification: 030-CAP-304

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP.PA02.DG9.19	Date Started: 5.3.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland.
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carlos
Depth to Water (ft./bgs.) ~4.0' bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
90	0.0					0.0 to 1.0' - concrete			
	1.0					1.0 to 10.0' - sand, gravelly sand, poorly graded, 5YR 5/3, reddish brown, dry, loose, no cementation, no odor, no visible staining	SP		0.0
1315	2.0	030-CAP-288							
	3.0								
1325	4.0	030-CAP-304			▼ =	Sand, as above, wet @ 4.0' bgs	SP		0.0
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

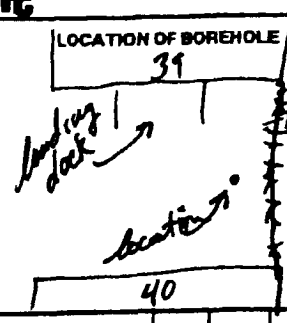
Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	
	5.0								
						Sand, as above, no odor, no visible staining	SP		0
1320	6.0								
		030-CAP-289							
	7.0								
						Sand, as above, no visible staining	SP		0.
	8.0								
	9.0								
	10.0					Sand, as above, no visible staining	SP		0
						Borehole terminated @ 10.0' bgs.			

Point Name: PA02-12
Sample Identification: 030-CAP-290
Sample Identification: 030-CAP-291
Sample Identification: 030-CAP-305
Sample Identification: 030-CAP-387

BOREHOLE LOG

SHEET ____ OF ____

LOCATION OF BOREHOLE: 39 / 40



JOB NO.:	BOREHOLE ID: GP-PA02-DG9-21
CLIENT:	DEPTH TO WATER: 4.0
SITE: Alameda Point	LOGGED BY:
SUBSITE: RA-B	DRILLING DATE(S): 5/8
DRILLING CO.: Precision	DRILLING METHOD: Geoprobe
PERSONNEL: Juan M.	SAMPLING METHOD:

SAMPLE INTERVAL TOP	BOTTOM	RECOVERED	BLOWS/6 IN. SAMPLE	TIME	PID READING	LABORATORY ANALYSIS	DEPTH IN FEET	USCS SOIL TYPE	SOIL DESCRIPTION
				13.13					Concrete
							1		Sand, fine sand, wet @ 3.5' bgs; tan to Hbrown loose, v. minor (<2%) fines
							2		
						X	3		GP-PA02-DG9-21
				13.15		X	4	▽	030-CAP-290
						X			GP-PA02-DG9-22
						X	5		030-CAP-291
									color change to grey to grey green @ 5' bgs
							6		otherwise as above
							7		
				13.30			8		add v. minor shells.
							9		
							10		TD = 10.0' bgs
							1		GP-PA02-DG9-12
				13.30					030-CAP-305
							2		030-CAP-387 Duplicate
							3		
							4		
							5		
							6		
							7		
							8		
							9		
							0		

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Point Name: PA02-13
Sample Identification: 030-CAP-292
Sample Identification: 030-CAP-293
Sample Identification: 030-CAP-306

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BOREHOLE LOG

SHEET 1 OF 1

LOCATION OF BOREHOLE		
	JOB NO.:	BOREHOLE ID: GP-PA02-DG9-23
	CLIENT:	DEPTH TO WATER: 3.5-4.0' bgs
	SITE: Alameda Point	LOGGED BY: JCB
	SUBSITE: ~~OA~~ PA-02B	DRILLING DATE(S): 5/8
	DRILLING CO.: Precision	DRILLING METHOD: Geoprobe
	PERSONNEL: Juan M	SAMPLING METHOD:

SAMPLE INTERVAL TOP	BOTTOM	RECOVERED	BLOWS/6 IN. SAMPLE	TIME	PID READING	LABORATORY ANALYSIS	DEPTH IN FEET	USCS SOIL TYPE	SOIL DESCRIPTION
				11.40					concrete
							1		Sand, fine sand w/v.minor med sand, loose, moist;
							2		
						X	3		
		NR		11.45		X	4	▽	@ 3.5'-4.0' bgs
						X	5		as above
							6		color changing to grey
							7		
				11.50			8		
							9		
				11.57			10		
							1		
				12.10			2		Collect water sample.
							3		
							4		
							5		
							6		
							7		
							8		
							9		
							0		

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ENVIRONMENTAL BASELINE SURVEY
PARCEL 125

Point Name: BG66-01
Sample Identification: 030-CAP-235
Sample Identification: 030-CAP-236

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-BG66-DGS-01	Date Started: 5.4.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Cortesa.
Depth to Water (ft./bgs.) ~4.0'	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered Interval	Drive Interval	Blow count (per 6 inches) / V.B. utility type, etc.	Description	USCS soil symbol	Well construction	OVM (ppm)
1005	0.0					0.0 to 0.5'- concrete.			
1010	0.5					0.5 to 2.0' bgs, sand, gravelly sand, poorly graded, 10R 4/3, weak red, dry, loose, no cementation, no odor, no visible staining.	SP		0.0
	1.0	030-CAP-235							
	1.5					2.0 to 2.8- no recovery, (SP?).	SP?		0.0
	2.0					2.8 to 4.0- sand, gravelly sand, poorly graded, 10R 4/3, weak red, dry to moist, loose, no cementation, no odor, no visible staining			
	2.8								
1015	3.0	030-CAP-236							
	4.0				?		SP		0.0
						Borehole terminated @ 4.0' bgs			

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction

ENVIRONMENTAL BASELINE SURVEY
PARCEL 138

Point Name: CA11-18
Sample Identification: 030-CAP-156
Sample Identification: 030-CAP-157
Sample Identification: 030-CAP-370A

Sheet 1 of 1

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-CA11-DG8-01	Date Started: 5-1-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5-1-2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) —	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
15	0.0					0.0 to 2.0' bgs, no recovery.			
	1.0					2.0 to 4.0' bgs, Sand, poorly graded sand, gravelly sand, 5YR 4/4, dark reddish gray to 5BG 4/1, dark greenish gray, no visible staining, no odor present	SP		0.0
1006	2.0	1005 030-CAP-156							
0955	2.5	030-CAP-157			1007 030-CAP-370				
0957	3.0	030-CAP-370				Sand, as above.			
	3.5						SP		0.0
	4.0					Borehole terminated @ 4.0' bgs., grouted 5-1-2000.			

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)

UNDERGROUND STORAGE TANKS
37-13 THROUGH 37-16

Point Name: CA11-26
Sample Identification: 030-CAP-172

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP.CA11.DG10.01	Date Started: 5.4.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5.4.2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carranza
Depth to Water (ft./bgs.) ~5.3'	Location Sketch:

Name	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
55	0.0					0.0 to 6.0' bgs – sand, gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visible staining	GW		0.0
	1.0								
	2.0								
	3.0					sand, as above, no odor, no staining,	GW		0.0
	4.0								
25	4.3								
	5.0	030-CAP-172				sand, as above, no odor, no staining	GW		0.0

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0								
	5.3				▼	Sand, as above, wet @ 5.3'	SW		0.0
	6.0					Borehole terminated @ 6.0' bgs., grouted on 5-4-00			

Point Name: CA11-27
Sample Identification: 030-CAP-173

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-CA11-DG10-02	Date Started: 5-5-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5-5-2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mullulland
Outer Diameter of Boring: 2"OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carlos
Depth to Water (ft./bgs.) ~60'	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
15	0.0					0.0 to 8.0' bgs, sand, gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visible staining	SP		0.0
	1.0								
	2.0								
	3.0								
	4.0					Sand, as above, dry, no odor, no staining	SP		0.
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches)	V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
0825	5.0									
		030-CAP-173								
	6.0						Sand, as above, wet @ 6.0' bgs	SP		0.0
	7.0									
	8.0						Sand, as above, no odor, no visible staining	SP		0.0
							Borehole terminated @ 8.0' bgs., grouted on 5-5-2000			

Point Name: CA11-28
Sample Identification: 030-CAP-174

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-CA11-DG10-03	Date Started: 5-4-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5-4-2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carreza
Depth to Water (ft./bgs.) ~5.5'	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
15	0.0					0.0 to 6.0' bgs, sand, - gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visable staining	SP		0.0
	1.0								
	2.0								
	3.0					sand, as above, dry, no odor, no visable staining	SP		0.0
	4.0								
5	4.5	030-CAP 174				sand, as above, dry, no odor, no visable staining	SP		0.0
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
1325	5.0								
		030-CAP 174				Sand, as above, wet @ 5.5' bgs, no odor, no visable staining.	SP		0.0
	5.5								
	6.0								
						Borehole terminated @ 6.0' bgs, grout borehole on 5-4-2000			

Point Name: CA11-29
Sample Identification: 030-CAP-175
Sample Identification: 030-CAP-372

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP. CA11. DG10.04	Date Started: 5.5.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5.5.2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2"OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carlos
Depth to Water (ft./bgs.) ~7.0'	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered Interval	Drive Interval	Blow counts (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
950	0.0					0.0 to 8.0' bgs, sand - gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visible staining.	SP		0.0
	1.0								
	2.0								
	3.0								
	4.0					sand, as above, dry, no odor, no staining	SP		0
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. / utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
1010	5.0	030-CN-372				Sand, as above, dry, no odor, no staining	SP		0.0
1005	6.0	030-CN-175							
	7.0					Sand, as above, wet @ 7.0' bgs, no odor, no visible staining	SP		0.0
	8.0					Borehole terminated @ 8.0' bgs, grouted on 5-5-2000			

Point Name: CA11-30
Sample Identification: 030-CAP-176

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-CA11-DG10-05	Date Started: 5-5-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5.5.2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carranza
Depth to Water (ft./bgs.) ~7.7 bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
0930	0.0					0.0 to 8.0' bgs, sand-gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visable staining.	SP		0.0
	1.0								
	2.0								
	3.0								
	4.0					Sand, as above, dry, no odor, no visable staining	SP		0.0
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.S. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0								
						Sand, as above	SP		0.[illegible]
	6.0								
0850	6.7								
	7.0	030 CAP-176				Sand, as above, wet @ 7.7' bgs.	SP		0.[illegible]
	7.7								
	8.0					Borehole terminated @ 8.0' bgs., grouted on 5.5.2000			

Point Name: CA11-31
Sample Identification: 030-CAP-177
Sample Identification: 030-CAP-184
Sample Identification: 030-CAP-373

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-CA11-DG10-06	Date Started: 5-5-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5-5-2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mullholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carlos
Depth to Water (ft./bgs.) ~7.0' bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.S. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
110	0.0					0.0 to 8.0' bgs, sand-gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visible staining	SP		0.0
	1.0								
	2.0								
	3.0								
	4.0					Sand, as above, dry, no odor, no visible staining	SP		0.
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0					Sand, as above, with gravel (>12%), dry, no odor, no visible staining	SP		0.0
0925	6.0								
		030-SP-377							
	7.0					Sand, as above (w/gravel) wet @ 7.0' bgs.	SP		0.0
0930									
0935		030-SP-373							
		030-SP-184							
	8.0					Borehole terminated @ 8.0' bgs., grouted on 5.5.2000.			

Point Name: CA11-32
Sample Identification: 030-CAP-178

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP. CA11. DG10.07	Date Started: 5.5.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5.5.2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) ~7.0' bgs.	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, etc.	Description	USCS soil symbol	Well construction	OVM (ppm)
0945	0.0					0.0 to 8.0' bgs, Sand: gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visible staining	SP		0.1
	1.0								
	2.0								
	3.0								
	4.0					Sand, as above, no odor, no staining	SP		0
	5.0					Sand, as above, no odor, no staining	SP		0

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0					Sand, as above, no odor, no staining	SP		0.0
1100	6.0	030-CAP-178							
	7.0				▼	Sand, as above, wet @ 7.0' bgs	SP		0.0
	8.0					Borehole terminated @ 8.0' bgs., grouted on 5.5.2000			

Point Name: CA11-33
Sample Identification: 030-CAP-179

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP.CA11.DG10-08	Date Started: 5.5.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5.5.2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carlos
Depth to Water (ft./bgs.)	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
20	0.0					0.0 to 8.0'bgs, Sand- gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visable staining	SP		0.0
	1.0								
	2.0								
	3.0								
	4.0					Sand, as above, dry, no odor, no visable staining	SP		0.
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

DG-10-08

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0					Sand, as above, clay, no odor, no visable staining	SP		0.0
1030	5.5								
	6.0	030-CAP-17							
	6.5					Sand, as above, wet @ 6.5' bgs, no odor, no visable staining	SP		0.0
	7.0								
	8.0					Borehole terminated @ 8.0' bgs, grouted on 5.5.2000			

Point Name: CA11-34
Sample Identification: 030-CAP-180

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-CA11-DG10-09	Date Started: 5-5-2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5-5-2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: —	Driller: J. Carlos
Depth to Water (ft./bgs.) ~6.6'	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
1115	0.0					0.0 to 8.0' bgs, sand-gravelly sand-poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visible staining.	SP		0
	1.0								
	2.0								
	3.0					Sand, as above, no odor, no staining, dry	SP		0
	4.0								
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0								
1125	5.6								
	6.0	030 CMP-139							
	6.6					Sand, as above, wet @ 6.6', no odor, no visible staining	SP		0.
	7.0								
	8.0					Borehole terminated @ 8.0' bgs., grouted on 5-5-2000			

Point Name: CA11-35
Sample Identification: 030-CAP-181

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-CA11-DG10-10	Date Started: 5.5.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5-5-2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2" OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) ~6.1 bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
45	0.0					0.0 to 8.0' bgs. sand, gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visable staining	SP		0.0
	1.0								
	2.0								
	3.0								
	4.0					sand, as above, dry, no odor, no staining	SP		0
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

DG10-10

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0								
1250	6.1	030-CM-181				Sand, as above, wet @ 6.1 bgs. no odor, no visable staining	SP		0.0
	6.0								
	6.1								
	7.0								
	8.0					Sand, as above, no odor, no visable staining	SP		0.1
						Borehole terminated @ 8.0' bgs., grouted on 5-5-2000.			

Point Name: CA11-36
Sample Identification: 030-CAP-182

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP-CA11-DG10-11	Date Started: 5-5-2000
Drilling Method: (Circle one) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5-5-2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2"OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) ~6.8' bgs	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
29	0.0					0.0 to 8.0' bgs, sand, gravelly sand, poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visable staining	SP		0.0
	1.0								
	2.0								
	3.0								
	4.0					Sand, as above, dry, no odor, no visable staining	SP		0.
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

DG-10-11

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.S. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0					Sand, as above, dry, no odor, no visible staining	SP		0.0
1440	6.8								
	6.0	0.30-CAP-182							
	6.8				▼	Sand, as above, wet @ 6.8', no odor, no visible staining	SP		0.0
	7.0								
	8.0					Borehole terminated @ 8.0' bgs. grouted on 5-5-2000.			

Point Name: CA11-37
Sample Identification: 030-CAP-183
Sample Identification: 030-CAP-185

SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

Boring Number: GP.CA11.DG10.12	Date Started: 5.5.2000
Drilling Method: (*Circle one*) HSA Continuous Core/GeoProbe/Hand Auger	Date Completed: 5.5.2000
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: B.J. Mulholland
Outer Diameter of Boring: 2"OD	Drilling Subcontractor: Precision
Inner Diameter of Well Casing: –	Driller: J. Carlos
Depth to Water (ft./bgs.) 6.7' bgs.	Location Sketch:

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
1225	0.0					0.0 to 8.0' bgs, sand, gravelly sand - poorly graded, 10YR 5/2, grayish brown, dry, loose, no cementation, no odor, no visable staining	SP		0.0
	1.0								
	2.0								
	3.0								
	4.0					sand, as above, dry, no odor, no visable staining	SP		0.
	5.0								

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SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG

Bldg./Site:
Project Name:

DG·10·12

Time	Depth (ft) bgs	Sample type and No.	Recovered interval	Drive interval	Blow count (per 6 inches) / V.B. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	5.0								
1345	5.7					Sand, as above, wet @ 6.7' bgs, no odor, no visable staining	SP		0.0
	6.0	030-CAP-183							
	6.7				▼				
1355	7.0								
		030-CAP-185				Sand, as above, no odor, no visable staining	SP		0.0
	8.0								
						Borehole terminated @ 8.0' bgs, grouted on 5.5.2000.			

APPENDIX C
GROUNDWATER SAMPLING FORMS

CORRECTIVE ACTION AREA 1

Point Name: CA01-01
Sample Identification: 030-CAP-001

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/26/00 1300

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA01-0

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-001

Depth to Well Bottom: 9.00 ft. below top of casing (TOC)

Depth to Water Level: 1.90 ft. below ~~TOC~~ 365

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ ~~Two~~-inch well N gallons

☐ Four-inch well _____ gallons

☑ 1-INCH PIEZOMETER

Total Purged 3 Liters Purge Rate .25 l/min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1240	1244	1248	1253							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-2.1	-2.3	-1.7	-1.9						+/- 20%	
Temperature (°C)	18	17	17	18						+/- 0.5 °C	
pH	6.9	6.8	6.9	7.1						+/- 0.5	
Specific Conductance (µmhos/cm)	1.1	1.0	1.2	1.2						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verification method: CALIBRATION SOLUTION FOR HORIBA

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER GREYISH IN COLOR / HIGHLY TURBID / SLIGHT HYDROCARBON ODOR / NO SHEEN

Sample(s) Collected By: Mike Barnes

MONIWELL FRM Forms Disk 2/17/00

TESTED FOR Fe, FILTERED 1.2 mg/l UNFILTERED 2.0 mg/l

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CORRECTIVE ACTION AREA 2

Point Name: CA02-01
Sample Identification: 030-CAP-002

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/26/00 / 1200 ~~Monitoring Well~~ PIEZOMETER Number: FP-CA02-01

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-002

Depth to Well Bottom: 9.50 ft. below top of casing (TOC)

Depth to Water Level: 4.30 ft. ~~below TOC~~ BGS

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1145	1150	*	*							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.2	1.6								+/- 20%	
Temperature (°C)	19	20								+/- 0.5 °C	
pH	7.9	8.0								+/- 0.5	
Specific Conductance (µmhos/cm)	4.4	4.9								+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER GREY IN COLOR / HIGH AMOUNT OF SAND / HYDROCARBON ODOR PRESENT / NO SHEEN

Sample(s) Collected By: MIKE BRANDS

TESTED FOR Fe: FILTERED 42 MG/L UNFILTERED 5.5 M

MONIWELL.FRM Forms Disk 3/17/00

* DUE TO LACK OF RECOVERY ONLY TO PARAMETERS TAKEN

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Point Name: FS1MJ-MW-1
Sample Identification: 030-CAP-004

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/20/00 / 1130 Monitoring Well Number: MW-CA02-D03

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-004

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 3.06 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1110	1114	1118	1123							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.1	-.5	-0.3							+/- 20%	
Temperature (°C)	18	18	18							+/- 0.5 °C	
pH	8.0	7.9	8.0							+/- 0.5	
Specific Conductance (µmhos/cm)	2.9	3.0	3.0							+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL										
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): AT BEGINNING OF PURGE LARGE AMOUNT OF REDDISH / ORANGE PARTICULATE / SEDIMENT NO ODOR, NO SHEEN

Sample(s) Collected By: MIKE BAYNES

MONIWELL.FRM Forms Disk 3/17/00

Point Name: FS1MJ-MW-4
Sample Identification: 030-CAP-005

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/26/00/1100 Monitoring Well Number: MW-CAPL-06

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-005

Depth to Well Bottom: 11.00 ft. below top of casing (TOC)

Depth to Water Level: 5.16 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1040	1044	1048	1053							
Eh	N/A									+/- 20%	
Dissolved Oxygen	1.7	2.4	2.5	2.6						+/- 20%	
Temperature (°C)	18	18	18	18						+/- 0.5 °C	
pH	8.0	8.0	8.0	8.0						+/- 0.5	
Specific Conductance (µmhos/cm)	1.4	1.4	1.6	1.6						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): AT BEGINNING OF PURGE LARGE AMOUNT OF REDDISH/PINK SEDIMENT/PARTICULATE

Sample(s) Collected By: MIKE BYNES

MONIWELL FRM Forms Disk 3/17/00

CORRECTIVE ACTION AREA 3

Point Name: CA03-01
Sample Identification: 030-CAP-006

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/27/00 / 0830

~~Monitoring Well~~ PIEZOMETER Number: FP-CA03-D61

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-006

Depth to Well Bottom: 9.0 ft. below top of casing (TOC)

Depth to Water Level: 5.35 ft. ~~below TOC~~ BGS.

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Bailer ☐ Submersible Pump ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ 1-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .25 L/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0830	0834	0838	843							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-3.0	-1.9	-1.6	-2.0						+/- 20%	
Temperature (°C)	15	15	15	15						+/- 0.5 °C	
pH	6.2	6.4	6.5	6.6						+/- 0.5	
Specific Conductance (µmhos/cm)	.52	.45	.44	.44						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER BROWNISH-GREY / SANDY / SLIGHT SHEEN AND HYDROCARBON ODOR / NO ~~PRODUCT~~ FLOATING PRODUCT FOUND W/ INTERFACE PROBE

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

TESTED FOR Fe, FILTERED 0 mg/L UNFILTERED

TC5/8-030.10824

Point Name: 398-MW1
Sample Identification: 030-CAP-031

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/1/00/1235 Monitoring Well Number: MW-CA03-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-031

Depth to Well Bottom: 12.65 ft. below top of casing (TOC)

Depth to Water Level: 5.28 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ~~☑ Two-inch well N/A gallons~~

☑ Four-inch well N/A gallons

☐

Total Purged 3 l Purge Rate .25 l/min.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1219	1223	1227	1231							
Eh	N/A									+/- 20%	
Dissolved Oxygen	3.00	3.02	3.14	3.77						+/- 20%	
Temperature (°C)	17.4	16.8	16.7	16.8						+/- 0.5 °C	
pH	7.76	7.57	7.54	7.47						+/- 0.5	
Specific Conductance (µmhos/cm)	.601	.528	.504	.520						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes

Remarks (odors, colors, sediment): WATER IS CLEAR / NO ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

Point Name: 398-MW2
Sample Identification: 030-CAP-032

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/1/00 / 0855 Monitoring Well Number: MW-CA03-DC

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-032

Depth to Well Bottom: 12.85 ft. below top of casing (TOC)

Depth to Water Level: 4.94 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ~~☐ Two-inch well N/A gallons~~

☑ Four-inch well N/A gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25+ l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0844	0846	0849	0852							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.48	-1.41	-.65	-.70						+/- 20%	
Temperature (°C)	16.4	16.8	16.9							+/- 0.5 °C	
pH	6.94	6.90	6.93	6.93						+/- 0.5	
Specific Conductance (µmhos/cm)	.714	.719	.702	.701						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	minnr	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verification method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR W/ SMALL AMOUNT OF PARTICU
NO ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES / KAREN STOWER

MONIWELL FRM Forms Disk 3/17/00

Point Name: 398-MW3
Sample Identification: 030-CAP-033

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/1/00/1015 Monitoring Well Number: MW-CA03-1

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-0333

Depth to Well Bottom: 14.00 ft. below top of casing (TOC)

Depth to Water Level: 4.80 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ~~☐ Two-inch well N/A~~ gallons

☑ Four-inch well N/A gallons

☐ _____

Total Purged 3 l Purge Rate .25 l/min.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1603	1606	1609	1612							
Eh	N/A									+/- 20%	
Dissolved Oxygen	1.00	1.07	.61	.52						+/- 20%	
Temperature (°C)	19.2	19.1	19.3	19.3						+/- 0.5 °C	
pH	6.18	6.69	6.70	6.80						+/- 0.5	
Specific Conductance (µmhos/cm)	2.73	2.87	2.84	2.83						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR W/ FINE PARTICULATE / NO ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

Point Name: 398-MW4
Sample Identification: 030-CAP-034

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/1/00 / 1140 Monitoring Well Number: MW-CA03-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-034

Depth to Well Bottom: 13.15 ft. below top of casing (TOC)

Depth to Water Level: 4.51 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ~~☑ Two-inch well N/A~~ gallons

☑ Four-inch well N/A gallons

☐ _____

Total Purged 3 l Purge Rate .25 l/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1120	1123	1127	1131							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.6	-.30	-.100	-.99						+/- 20%	
Temperature (°C)	19.5	19.1	19.1	19.4						+/- 0.5 °C	
pH	7.00	6.99	6.98	6.92						+/- 0.5	
Specific Conductance (µmhos/cm)	6.19	6.14	6.03	5.96						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR / SLIGHT ODOR / POSSIBLY SULFUR
NO ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

Point Name: 398-A19
Sample Identification: 030-CAP-035
Sample Identification: 030-CAP-357

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/1/00 / 1300 Monitoring Well Number: MW-CA03-1

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-035

Depth to Well Bottom: 15.70 ft. below top of casing (TOC)

Depth to Water Level: 7.10 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☒ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l Purge Rate .25 l/min.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1246	1249	1252	1256							
Eh	N/A									+/- 20%	
Dissolved Oxygen	.90	1.50	1.69	1.58						+/- 20%	
Temperature (°C)	19.2	18.4	18.5	18.3						+/- 0.5 °C	
pH	7.24	7.15	7.03	7.00						+/- 0.5	
Specific Conductance (µmhos/cm)	1.64	1.64	1.62	1.50						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☐ No ☑ Yes, Sample No. of Duplicate Sample 030-CAP-357

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS SLIGHTLY MURKY/CLOUDY/SMALL BROWNISH PARTICULATE / SLIGHT UNDESCRIBABLE ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL FRM Forms Disk 3/17/00

CORRECTIVE ACTION AREA 4

Point Name: CA04-01
Sample Identification: 030-CAP-036

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/27/00 / 1200

~~Monitoring Well~~ PIEZOMETER Number: FP-CA04-061-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-036

Depth to Well Bottom: 6.00 ft. below top of casing (TOC)

Depth to Water Level: 2.15 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .25/L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1140 ~~1125~~	1144 ~~1129~~	1149 ~~1133~~	1153 ~~1137~~							
Sh	N/A									+/- 20%	
Dissolved Oxygen	2.4	1.8	3.35	3.20						+/- 20%	
Temperature (°C)	20	20	20	20						+/- 0.5 °C	
pH	7.8	7.41	7.40	7.38						+/- 0.5	
Specific Conductance (µmhos/cm)	.13	.099	.097	.097						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	(N.THE	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS BROWN IN COLOR, TURBID, SLIGHT HYDROCARBON ODOR / SLIGHT SHEEN NO PRODUCT FOUND W/ BOTH INTERFACE PROBE + BAILER

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM.Forms Disk 3/17/00

Point Name: CA04-02
Sample Identification: 030-CAP-037

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/27/00 / 1230

~~Monitoring Well~~ PIEZOMETER Number: FP-CA04-001-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-037

Depth to Well Bottom: 8.50 ft. below top of casing (TOC)

Depth to Water Level: 4.60 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1215	1219	1223	1228							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.80	-1.22	-1.22	-1.11						+/- 20%	
Temperature (°C)	20	20	20	20						+/- 0.5 °C	
pH	6.49	6.60	6.61	6.61						+/- 0.5	
Specific Conductance (µmhos/cm)	1.01	.98	.98	.88						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER GREY IN COLOR / HIGHLY TURBID / SLIGHT SHEEN & HYDROCARBON ODOR NO FLOATING PRODUCT FOUND W/ INTERFACE PROBE OR BAILER

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM.Forms Disk 3/17/00

TESTED FOR Fe: FILTERED 4.0 mg/L UNFILTERED 4.2 mg/L

TC . 0030 . 10824

Point Name: MW547-1
Sample Identification: 030-CAP-062
Sample Identification: 030-CAP-064

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/27/00 / 1055 Monitoring Well Number: MW-CA04-06

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-064

Depth to Well Bottom: 13.30 ft. below top of casing (TOC)

Depth to Water Level: 3.25 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .125 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1038	1042	1047	1051							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-.8	-.5	-.5	-.3						+/- 20%	
Temperature (°C)	17	17	17	17						+/- 0.5 °C	
pH	6.6	6.5	6.5	6.4						+/- 0.5	
Specific Conductance (µmhos/cm)	0.2	.29	.28	.28						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	N/A	1 L	2 L	3 L							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER CLEAR, SLIGHTLY YELLOW, NO ODOR, NO SHEEN, NO FLOATING PRODUCT.

Sample(s) Collected By: MIKE BARNES

MONIWELL FRM.Forms Disk, 3/17/00

TC . 0030 . 10824

Point Name: M07C-08
Sample Identification: 030-CAP-063

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/27/00/0925 Monitoring Well Number: MW-CA04-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-063

Depth to Well Bottom: 15.30 ft. below top of casing (TOC)

Depth to Water Level: 3.16 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0920	0924	0928	0932							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.6	-1.9	-1.7	-1.5						+/- 20%	
Temperature (°C)	17	17	17	18						+/- 0.5 °C	
pH	6.9	6.8	6.8	6.8						+/- 0.5	
Specific Conductance (µmhos/cm)	.70	.71	.71	.70						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER BROWN IN COLOR / SANDY / NO ODOR / NO SHEEN

NO ~~FLOO~~ FLOATING PRODUCT DETECTED W/ INTERFACE PROBE

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

TC . 0030 . 10824

Point Name: M07C-09
Sample Identification: 030-CAP-065

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/27/00 / 1010 Monitoring Well Number: MW-CA04-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-~~066~~ 065

Depth to Well Bottom: 14.50 ft. below top of casing (TOC)

Depth to Water Level: 3.87 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0955	0959	1003	1007							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.3	-1.2	-1.3	-1.2						+/- 20%	
Temperature (°C)	19	19	19	19						+/- 0.5 °C	
pH	6.5	6.5	6.5	6.5						+/- 0.5	
Specific Conductance (µmhos/cm)	.82	.75	.75	.75						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER GRAYISH-BROWN / NO ODOR / NO SHEEN NO PRODUCT.

Sample(s) Collected By: MIKE BARNES

MONIWELL FPM Forms Disk 3/17/00

TC . 0030 . 10824

Point Name: MW547-4
Sample Identification: 030-CAP-066

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/27/00 / 1030 Monitoring Well Number: MW-CA04-06

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-066

Depth to Well Bottom: 15.00 ft. below top of casing (TOC)

Depth to Water Level: 2.78 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1014	1018	1022	1026							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.5	-1.7	-1.4							+/- 20%	
Temperature (°C)	18	18	18							+/- 0.5 °C	
pH	6.7	6.6	6.7							+/- 0.5	
Specific Conductance (µmhos/cm)	.81	.79	.79							+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	IN INIT	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER SLIGHTLY GRAYISH IN COLOR, NO ODOR, NO SHEEN, NO PRODUCT

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

CORRECTIVE ACTION AREA 5

Point Name: CA05-01
Sample Identification: 030-CAP-067
Sample Identification: 030-CAP-361

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/19/00 / 1110

~~Monitoring Well~~ PIEZOMETER Number: EP-CA05-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-067

Depth to Well Bottom: 10.20 ft. below top of casing (TOC)

Depth to Water Level: 7.42 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25 l~~ 1.50 l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1102	1104	1106	1109							
Eh	N/A									+/- 20%	
Dissolved Oxygen	.86	2.45	1.18	1.45						+/- 20%	
Temperature (°C)	19.6	18.4	18.3	18.4						+/- 0.5 °C	
pH	6.69	6.72	6.68	6.69						+/- 0.5	
Specific Conductance (µmhos/cm)	.334	.400	3.95	3.93						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☐ No ☑ Yes, Sample No. of Duplicate Sample 030-CAP-361 (1120)

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLOUDY BROWNISH-GREY IN COLOR / SLIGHT SOLVENT ODOR / NO SHEEN / NO FLOATING PRODUCT

Sample(s) Collected By: MIKE BARNES DETECTED W/ BOTH INTERFACE PROBE & BAILER

FILTERED UNFILTERED

MONIWELL FRM Forms Disk 3/17/00

TC . 0030 . 10824

Point Name: CA05-02
Sample Identification: 030-CAP-068

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/10/00/0955

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA05-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-068

Depth to Well Bottom: 9.20 ft. below top of casing (TOC)

Depth to Water Level: 6.20 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25l~~ +.50l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0949	0951	0952	0953							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-2.49	-.24	-.52	-1.01						+/- 20%	
Temperature (°C)	18.1	18.2	18.1	18.1						+/- 0.5 °C	
pH	7.01	6.93	6.83	6.76						+/- 0.5	
Specific Conductance (µmhos/cm)	.476	.295	.322	.319						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1l	2l	3l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLOUDY / GREYISH IN COLOR / NO SHEEN FAIRLY STRONG SOLVENT ODOR / HIGH SAND CONTENT, NO PRODUCT

Sample(s) Collected By: MIKE BARNES DETECTED W/ BOTH INTERFACE PROBE & BAI

FILTERED UNFILTERED

MONIWELL ERM Forms Dec 3/1/00

TC . 0030 . 10824

Point Name: CA05-03
Sample Identification: 030-CAP-069

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/10/00 | 1305

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA05-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-069

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 6.90 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~.25L~~ .300L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1257	1259	1301	1303							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-.07	1.02	-.13	-.95						+/- 20%	
Temperature (°C)	24.3	24.0	23.9	23.8						+/- 0.5 °C	
pH	7.17	6.80	6.69	6.64						+/- 0.5	
Specific Conductance (µmhos/cm)	.836	.035	.766	7.86						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID / BROWN IN COLOR / STRONG POSSIBLE SOLVENT ODOR / NO SHEEN / NO PRODUCT DETECTED W/ BOTH INTERFACE PROBE & BAILER

Sample(s) Collected By: MIKE BARNES

FILTERED UNFILTERED

MONIMELL EPM Forms Dirk 3/17/00

TO. 0030.10824

Point Name: CA05-04
Sample Identification: 030-CAP-070

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/11/00 / 0845

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA05-DE

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-070

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 5.75 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate 1.25 l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0833	0835	0838	0840							
Eh	N/A								→	+/- 20%	
Dissolved Oxygen	-2.67	-.55	-1.67	-.25						+/- 20%	
Temperature (°C)	17.9	17.9	18.0	17.8						+/- 0.5 °C	
pH	5.58	5.71	5.68	5.72						+/- 0.5	
Specific Conductance (µmhos/cm)	.356	.305	.330	.245						+/- 1%	
Redox Potential	N/A								→	+/- 10mV	
Volume Purged	INITIAL	1l	2l	3l							
Gallons Purged	N/A								→		

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLOUDY / HEAVY SOLVENT OR HYDROCARBON ODOR / NO FLOATING PRODUCT DETECTED W/ PROBE / SMALL AMOUNT ON BAILER.

Sample(s) Collected By: MIKE BARNES

FILTERED UNFILTERED

TC. 0030.10824

Point Name: CA05-05
Sample Identification: 030-CAP-071

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 6/16/00

~~Monitoring Well~~ PIEZOMETER Number: FP-CA05-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-071

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 5.30 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well N/A gallons

☐ Four-inch well N/A gallons

☑ ONE-INCH PIEZOMETER

Total Purged ~~3 LITERS~~ N/A Purge Rate ~~1.25 l/MIN~~

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time											
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	3.29									+/- 20%	
Temperature (°C)	19.0									+/- 0.5 °C	
pH	8.31									+/- 0.5	
Specific Conductance (µmhos/cm)	2.12									+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1l	2l	3l							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes

Remarks (odors, colors, sediment): WATER IS TURBID, BROWN IN COLOR, NO ODOR.

Sample(s) Collected By: MIKE BARNES

MONIWELL FRM Forms Disk 3/17/00

TESTED FOR Fe; FILTERED 2.0 mg/l UNFILTERED 1.0 mg/l

TC 0030 10824

CORRECTIVE ACTION AREA 6

Point Name: CA06-01
Sample Identification: 030-CAP-080

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/3/00/1405

~~Monitoring Well~~ PIEZOMETER Number: FP-CA06-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-080

Depth to Well Bottom: 9.90 ft. below top of casing (TOC)

Depth to Water Level: 2.68 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate 1.25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1355	1357	1359	1401							
Eh	N/A									+/- 20%	
Dissolved Oxygen	.50	-1.00	-1.16	-.77						+/- 20%	
Temperature (°C)	19.8	19.4	19.0	18.9						+/- 0.5 °C	
pH	7.44	7.42	7.30	7.00						+/- 0.5	
Specific Conductance (µmhos/cm)	4.67	4.96	5.05	6.11						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verification method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes TPH-BTEX

Remarks (odors, colors, sediment): WATER IS GRAY IN COLOR / STRONG HYDROCARBON ODOR / SLIGHT SHEEN NO "FLOATING PRODUCT FOUND w/ BOTH INTERFACE PROBE AND BAILER.

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM.Forms.Dsk 1/17/00

TESTED FOR Fe, FILTERED 3.5 mg/L UNFILTERED 5.5 mg/L

TC-030.10824

Point Name: CA06-02
Sample Identification: 030-CAP-400

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/3/00 / 1435

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA06-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-400

Depth to Well Bottom: 8.60 ft. below top of casing (TOC)

Depth to Water Level: 2.41 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Bailer ☐ Submersible Pump ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate 1.25 l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Fina
Time	1427	1429	1431	1433							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-1.00	-1.23	-1.56	-1.50						+/- 20%	
Temperature (°C)	20.	19.5	19.2	19.1						+/- 0.5 °C	
pH	6.43	6.42	6.41	6.40						+/- 0.5	
Specific Conductance (µmhos/cm)	15.7	16.1	16.4	16.2						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS TURBID/GREY IN COLOR / SLIGHT SHEEN / HEAVY HYDROCARBON ODOR. NO FLOATING PRODUCT DETECTED w/ BOTH INTERFACE PROBE + BAILER.

Sample(s) Collected By: Mike Barnes

TESTED FOR Fe: FILTERED ~~TG~~ UNFILTERED

CORRECTIVE ACTION AREA 7

Point Name: CA07-01
Sample Identification: 030-CAP-082

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/25/00 Monitoring Well Number: FP-CA07-D61-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-082

Depth to Well Bottom: 8.00 ft. below top of casing (TOC)

Depth to Water Level: 1.80 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC

Minimum Purge Volume: ☐ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1510	1514	1518	1523							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-1.5	-0.7	-0.4	-.05						+/- 20%	
Temperature (°C)	22	22	22	22						+/- 0.5 °C	
pH	7.9	7.8	7.8	7.8						+/- 0.5	
Specific Conductance (µmhos/cm)	4.1	3.7	3.7	3.7						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER GRAYISH-BLACK IN COLOR NO ODOR / NO SHEEN.

Sample(s) Collected By: MIKE BRANES & EMILY MCKAY

MONIWELL.FRM.Forms Disk 3/17/00

TESTED FOR Fe: FILTERED .8 mg/L NOT FILTERED 1 mg/L

TC . 0030 . 10824

Point Name: M07A-01
Sample Identification: 030-CAP-084

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/28/00 / 0950 Monitoring Well Number: MW-CA07-002-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-084

Depth to Well Bottom: 9.40 ft. below top of casing (TOC)

Depth to Water Level: 2.30 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0936	0940	0944	0948							
Eh	N/A									+/- 20%	
Dissolved Oxygen	.25	.26	.25	.28						+/- 20%	
Temperature (°C)	17.4	18.4	18.6	18.2						+/- 0.5 °C	
pH	6.52	6.48	6.49	6.53						+/- 0.5	
Specific Conductance (µmhos/cm)	11.8	11.4	10.2	11.4						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS FAIRLY CLEAR WITH MODERATE AMOUNT OF BLACK PARTICULATE. STRONG PETROLEUM ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM.Forms Disk 3/17/00

Point Name: W-1
Sample Identification: 030-CAP-085

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/28/00 /0820 Monitoring Well Number: MW-CA07-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-085

Depth to Well Bottom: 67.00 ft. below top of casing (TOC)

Depth to Water Level: 1.22 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0805	0809	0813	0817							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.39	-1.35	-1.56	-1.60						+/- 20%	
Temperature (°C)	17.4	17.8	17.9	17.8						+/- 0.5 °C	
pH	6.69	6.67	6.66	6.65						+/- 0.5	
Specific Conductance (µmhos/cm)	19.6	18.8	18.9	18.9						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS FAIRLY CLEAR, SLIGHT HYDROCARBON ODOR, NO SHEE
REDDISH PARTICULATE MATTER FOUND IN H_2O

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

Point Name: M07A-04
Sample Identification: 030-CAP-086

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/26/00/0925 Monitoring Well Number: MW-CA07-007

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-086

Depth to Well Bottom: 6.80 ft. below top of casing (TOC)

Depth to Water Level: 2.72 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0912	0916	0920	0924							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-.86	-.90	-.79	-.65						+/- 20%	
Temperature (°C)	16.2	16.4	16.4	16.4						+/- 0.5 °C	
pH	6.56	6.59	6.61	6.61						+/- 0.5	
Specific Conductance (µmhos/cm)	13.0	12.2	12.2	12.3						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A	→									

Instrument Calibration verification method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS FAIRLY CLEAR / SLIGHT HYDROCARBON ODOR
NO SHEEN & NO RED PARTICULATE

Sample(s) Collected By: MIKE BARNES

MONIWELL FRM Forms Disk 3/17/00

TC . 0030 . 10824

Point Name: M07A-08
Sample Identification: 030-CAP-087

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/28/00 / 1145 Monitoring Well Number: MW-CA07-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-~~[illegible]~~087

Depth to Well Bottom: 11.15 ft. below top of casing (TOC)

Depth to Water Level: 1.78 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITER Purge Rate ~~.25~~ .50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1130	1134	1138	1142							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.31	-.90	-1.05	-.90						+/- 20%	
Temperature (°C)	18	18.5	19.1	19.4						+/- 0.5 °C	
pH	6.46	6.49	6.69	6.72						+/- 0.5	
Specific Conductance (µmhos/cm)	45.3	28.2	10.9	9.5						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS YELLOWISH IN COLOR / BLACK PARTICULATE / HEAVY H_2SO_4.

Sample(s) Collected By: MIKE BARNES

MONIWELL_FRM.Forms Disk 3/17/00

TC . 0030 . 10824

Point Name: M07A-09
Sample Identification: 030-CAP-088

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/20/00 / 1045 Monitoring Well Number: MW-CA07-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-088

Depth to Well Bottom: 11.10 ft. below top of casing (TOC)

Depth to Water Level: 2.36 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate 25+ l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1030	1034	1038	1042							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.61	-.39	-1.70	1.21						+/- 20%	
Temperature (°C)	17.3	17.8	18.2	18.2						+/- 0.5 °C	
pH	6.52	6.45	6.48	6.53						+/- 0.5	
Specific Conductance (µmhos/cm)	36.9	29.6	24.0	20.6						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR W/ SLIGHT HYDROCARBON ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

Point Name: M07A-03
Sample Identification: 030-CAP-089
Sample Identification: 030-CAP-362

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/28/00 / 0855 & 0900 Monitoring Well Number: MW-CA07-067-1

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-089

Depth to Well Bottom: 60.00 ft. below top of casing (TOC)

Depth to Water Level: 3.20 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0842	0846	0850	0854							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.40	-1.05	-1.15	-1.25						+/- 20%	
Temperature (°C)	17.2	18.2	18.2	18.2						+/- 0.5 °C	
pH	6.43	6.34	6.35	6.34						+/- 0.5	
Specific Conductance (µmhos/cm)	27.2	27.2	27.4	27.6						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☐ No ☑ Yes, Sample No. of Duplicate Sample 030-CAP-362 / 0900

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS FAIRLY CLEAR, NO ODOR, NO SHEEN

Sample(s) Collected By: MIKE GAENES

MONIWELL.FRM Forms Disk 3/17/00

CORRECTIVE ACTION AREA 9

Point Name: CA09-01
Sample Identification: 030-CAP-090

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

FF - CA09-D

Date/Time of Sample Collection: 4/25/00 / 1000

PIEZOMETER: ~~Monitoring Well Number:~~ ~~FF CA13-D61~~

Project Site/Subsite: Alameda Point, Alameda

Sample Number: ~~FF-CA13-D61-01-F~~ 030-CAP-090

Depth to Well Bottom: 8.00 ft. below top of casing (TOC)

Depth to Water Level: 5.21 ft. ~~below TOC~~ BGS

7.31
2.10
5.21

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERIS TALTIC PUMP

Minimum Purge Volume: ☑ ~~Two~~ ONE-inch well N/A gallons
☐ Four-inch well _____ gallons
☐ _____

Total Purged 3 l Purge Rate .25 l PER MINUTE

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1000	1004	1008	1012							
Eh	N/A								→	+/- 20%	
Dissolved Oxygen	-.70	-.57	-.07	-.31						+/- 20%	
Temperature (°C)	16.4	16.5	16.5	16.4						+/- 0.5 °C	
pH	6.23	5.47	5.57	5.53						+/- 0.5	
Specific Conductance (µmhos/cm)	.610	.573	.562	.559						+/- 1%	
Redox Potential	N/A	N/A	N/A	N/A						+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A								→		

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER HAS SLIGHT SHEEN AND PETROLEUM ODOR
TESTED FOR F_2 / ND RESULTED

Sample(s) Collected By: MIKE BARNES, EMILY PARK

MONIWELL.FRM Forms Disk 3/17/00

TC . 0030 . 10824

Point Name: CA09-02
Sample Identification: 030-CAP-091

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4-25-00/1045

~~Monitoring Well Number:~~ PIEZOMETER FP-CA09-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-091

Depth to Well Bottom: 8.00 ft. below top of casing (TOC)

Depth to Water Level: 6.48 ft. ~~below TOC~~ BGS

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ ~~Two~~ ONE-inch well N/A gallons
☐ Four-inch well _____ gallons
☐ _____

Total Purged 3 L Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1030	1034	1038	1042							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-1.89	-.63	-.56	-.70						+/- 20%	
Temperature (°C)	17.2	17.0	17.1	17.0						+/- 0.5 °C	
pH	5.77	5.89	5.92	5.73						+/- 0.5	
Specific Conductance (µmhos/cm)	.782	.764	.762	.762						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER BROWNISH IN COLOR
TESTED FOR Fe / .30 mg/L

Sample(s) Collected By: MIKE BARNES, EMILY DEAN

MONIWELL FRM Forms Disk 3/17/00

Point Name: CA09-03
Sample Identification: 030-CAP-092

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/26/00 / 0930

~~Monitoring Well~~ PIEZOMETER Number: FP-CA09-DG1-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-092

Depth to Well Bottom: 9.00 ft. below top of casing (TOC)

Depth to Water Level: 4.53 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0910	0914	0918	0923							
Sh	N/A									+/- 20%	
Dissolved Oxygen	-1.4	-1.0	-1.1							+/- 20%	
Temperature (°C)	17	17	17							+/- 0.5 °C	
pH	9.2	9.1	9.0							+/- 0.5	
Specific Conductance (µmhos/cm)	.25	.23	.23							+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	IN TIME	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER BROWNISH-GREY / SLIGHT SOLVENT SMELL / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

TESTED FOR Fe. FILTERED 0 mg/L UN-FILTERED 0 mg/L

TC . 0030 . 10824

CORRECTIVE ACTION AREA 10

Point Name: CA10-01
Sample Identification: 030-CAP-098

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/28/00 / 1410

~~Monitoring Well~~ PIEZOMETER Number: FP-CA10-D61-0

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-098

Depth to Well Bottom: 9.00 ft. below top of casing (TOC)

Depth to Water Level: 5.52 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Bailer ☐ Submersible Pump ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .25+ L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1357	1401	1405	1409							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.2	-.10	-.10	-.5						+/- 20%	
Temperature (°C)	17.5	17.5	17.5	17.3						+/- 0.5 °C	
pH	7.06	6.90	6.85	6.77						+/- 0.5	
Specific Conductance (µmhos/cm)	.338	.330	.325	.323						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verification method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER BROWN IN COLOR / HEAVY HYDROCARBON ODOR / NO SHEEN
NO FLOATING PRODUCT DETECTED W/ DIPTI INTERFACE PROBE & BAILER

Sample(s) Collected By: MIKE BARNES

MONIWELL FRM.Forms Disk 3/17/00

TESTED FOR Fe: FILTERED 2.0 mg/L UNFILTERED 2.4 mg/L

TC 0030.10824

Point Name: CA10-02
Sample Identification: 030-CAP-099

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/28/00 / 1330

PIEZOMETER ~~Monitoring~~ Well Number: FP-CA10-D61-

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-099

Depth to Well Bottom: 9.20 ft. below top of casing (TOC)

Depth to Water Level: 4.64 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .25+ l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1317	1321	1325	1329							
Sh	N/A								→	+/- 20%	
Dissolved Oxygen	0.02	.16	.21	0.18						+/- 20%	
Temperature (°C)	18	17.7	17.7	17.6						+/- 0.5 °C	
pH	7.60	7.31	7.16	7.17						+/- 0.5	
Specific Conductance (µmhos/cm)	.435	.379	.351	.353						+/- 1%	
Redox Potential	N/A								→	+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A								→		

Instrument Calibration verifiation method: CALIBRATION SOLUTION

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID / BROWNISH IN COLOR / NO ODOR NO SHEEN, NO FLOATING PRODUCT DETECTED W/ BOTH INTERFACE PROBE & SH

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

TESTED FOR Fe: FILTERED 0 mg/l UNFILTERED 0 mg/l

TC . 0030 . 10824

CORRECTIVE ACTION AREA 11

Point Name: CA11-01
Sample Identification: 030-CAP-127

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/2/00/0910

~~Monitoring Well~~ PIEZOMETER Number: FP-CA11-D01

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-127

Depth to Well Bottom: 8.00+/- ft. below top of casing (TOC)

Depth to Water Level: 3.75 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25~~ .50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0857	0901	0904	0908							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.58	-2.10	-2.06	-1.57						+/- 20%	
Temperature (°C)	16.9	17.1	17.2	17.3						+/- 0.5 °C	
pH	6.83	6.73	6.78	6.77						+/- 0.5	
Specific Conductance (µmhos/cm)	.722	.644	.643	.663						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLOUDY / SLIGHT HYDROCARBON ODOR / NO SHEEN / NO FLOATING PRODUCT DETECTED

Sample(s) Collected By: MIKE BARNES W/ INTERFACE PROBE + BAILER

TESTED FOR Fe; FILTERED UNFILTERED

MONIWELL.FRM:Forms Disk 3/17/00

Point Name: CA11-02
Sample Identification: 030-CAP-128

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/2/00/0830

~~Monitoring Well~~ PIEZOMETER Number: FP-CA11-D61

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-128

Depth to Well Bottom: 8.00 ft. below top of casing (TOC)

Depth to Water Level: 4.14 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25~~ 1.50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0814	0817	0821	0824							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.30	-1.56	-.77	.59						+/- 20%	
Temperature (°C)	15.9	16.0	16.5	16.6						+/- 0.5 °C	
pH	6.29	7.22	7.32	7.35						+/- 0.5	
Specific Conductance (µmhos/cm)	.714	.520	.486	.563						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID / NO ODOR / NO SHEEN
NO FLOATING PRODUCT DETECTED W/ INTERFACE PROBE AND BAIL
↳ WATER TO ~~TRAS~~ ~~[illegible]~~ DRAIN

Sample(s) Collected By: MIKE BARNES

Point Name: CA11-03
Sample Identification: 030-CAP-129

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/2/00/ 1125 PIEZOMETER ~~Monitoring Well~~ Number: FP-CA11-DE

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-129

Depth to Well Bottom: 9.50 ft. below top of casing (TOC)

Depth to Water Level: 5.10 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25~~ .50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1116	1118	1120	1122							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-2.31	-1.45	-1.96	-2.34						+/- 20%	
Temperature (°C)	17.1	17.1	16.9	16.9						+/- 0.5 °C	
pH	6.75	6.50	6.58	6.57						+/- 0.5	
Specific Conductance (µmhos/cm)	1.38	1.52	1.50	1.46						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS TURBID @ BEGINNING OF PURGE / BECOMES TO CLEAR / STRONG HYDROCARBON ODOR / SHEEN. NO FLOATING PRODUCT DETECTED W/ BOTH INTERFACE PROBE AND BAILER. GREENISH-BROWN IN COLOR

Sample(s) Collected By: MIKE BARNES

TESTED FOR Fe; FILTERED 0.2 mg/l UNFILTERED TC 9.0 mg/l

MONIWELL.FRM:Forms Disk:3/17/00

Point Name: CA11-04
Sample Identification: 030-CAP-130

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/2/00/1040

~~Monitoring Well~~ PIEZOMETER Number: FP-CA11-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-130

Depth to Well Bottom: 9.30 ft. below top of casing (TOC)

Depth to Water Level: 4.99 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~+.25 l/MIN~~ 1.50 l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1032	1034	1036	1038							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-2.06	-1.60	-1.58	-2.00						+/- 20%	
Temperature (°C)	17.0	17.0	16.9	16.9						+/- 0.5 °C	
pH	7.19	7.06	7.04	6.98						+/- 0.5	
Specific Conductance (µmhos/cm)	1.23	1.02	.99	.92						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID AT BEGINNING, HOWEVER CLEARS UP AS WE KEEP PURGING. NO SHEEN / SLIGHT HYDROCARBON ODOR. NO FLOATING PRODUCT DETECTED WITH INTERFACE PROBE AND BAILER.

Sample(s) Collected By: MIKE BARNES

TESTED FOR Fe: FILTERED 0 mg/l, UNFILTERED 0.0310 mg/l

MONIWELL.FRM:Forms Disk 3/17/00

Point Name: CA11-05
Sample Identification: 030-CAP-131

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/2/00/1000

~~Monitoring Well~~ PIEZOMETER Number: FP-CA11-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-131

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 5.07 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25~~ .50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0950	0952	0954	0956							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.25	-.64	-1.85	-1.91						+/- 20%	
Temperature (°C)	16.5	16.5	16.4	16.4						+/- 0.5 °C	
pH	7.12	7.00	6.83	6.80						+/- 0.5	
Specific Conductance (µmhos/cm)	.551	.706	.667	.700						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS STARTS SEMI-TURBID / NO ODOR / NO SHEE
NO PRODUCT DETECTED W/ BOTH INTERFACE PROBE AND BI

Sample(s) Collected By: MIKE BARNES

TESTED FOR Fe: FILTERED 0.1 mg/l UNFILTERED TC .100 0.3 mg/l 0824

MONIWELL.FRM:Forms Disk 3/17/00

Point Name: CA11-06
Sample Identification: 030-CAP-132

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/8/00/0945

~~Monitoring Well~~ PIEZOMETER Number: FP-CA11-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-132

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 6.75 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25L~~ 1.5L/MIN .10L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0924	0929	0938	0944							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.42	2.86	5.82	5.47						+/- 20%	
Temperature (°C)	17.5	17.5	17.7	17.7						+/- 0.5 °C	
pH	6.75	6.93	6.88	7.00						+/- 0.5	
Specific Conductance (µmhos/cm)	1.09	.715	.63	.61						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID / ~~[illegible]~~ ODOR / NO SHEEN / NO "FLOAT" NO PRODUCT DETECTED W/ BOTH INTERFACE PROBE AND BAILER. BUT CLEARS DURING PURGE / SLIGHT PETROLEUM

Sample(s) Collected By: MIKE BARNES

TESTED FOR Fe; FILTERED 1.6 MG/L UNFILTERED 7.5 MG/L

TC: 0030.10824

Point Name: CA11-07
Sample Identification: 030-CAP-133

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/8/00 / 1025 PIEZOMETER ~~Monitoring Well~~ Number: FP-CA11-D61

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-133

Depth to Well Bottom: 9.90 ft. below top of casing (TOC)

Depth to Water Level: 5.95 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25~~ 1.50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1017	1019	1021	1023							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-.94	.96	1.50	.11						+/- 20%	
Temperature (°C)	18.0	17.9	17.9	17.8						+/- 0.5 °C	
pH	6.87	6.67	6.63	6.58						+/- 0.5	
Specific Conductance (µmhos/cm)	.641	.542	.614	.533						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID @ FIRST / CLEARS / SLIGHT UNDESCRIBABLE ODOR / NO SHEEN. NO FLOATING PRODUCT DETECTED

Sample(s) Collected By: MIKE BARNES W/ BOTH INTERFACE PROBE + BAILER

TESTED FOR Fe; FILTERED 0 mg/L UNFILTERED 0 mg/L

MONIWELL.FRM:Forms Disk:3/17/00

Point Name: CA11-08
Sample Identification: 030-CAP-134
Sample Identification: 030-CAP-366

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/9/00/0810

~~Monitoring Well~~ PIEZOMETER Number: FP-CA11-D61

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-134

Depth to Well Bottom: 9.00 ft. below top of casing (TOC)

Depth to Water Level: 4.05 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.5~~ .50 l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0755	0759	0803	0807							
Eh	N/A									+/- 20%	
Dissolved Oxygen	3.02	-1.55	-1.31	-.21						+/- 20%	
Temperature (°C)	19.0	19.1	19.2	19.0						+/- 0.5 °C	
pH	7.56	7.24	7.13	7.14						+/- 0.5	
Specific Conductance (µmhos/cm)	.559	.506	.588	.566						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID/BROWNISH IN COLOR/ ORGANICS ODOR/NO SHEEN NO "FLOATING PRODUCT" DETECTED W/ BOTH INTERFACE PROBE & BA

Sample(s) Collected By: MIKE BARNES

TESTED FOR Fe; FILTERED UNFILTERED

MONIWELL.FRM:Forms Disk:3/17/00

TC 0030.10824

This is actually FP-CA11-DG1-09

Point Name: CA11-09
Sample Identification: 030-CAP-135

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/2/00 / 1340

~~Monitoring Well~~ PIEZOMETER Number: FP-CA11-DG

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-135

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 4.79 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1330	1332	1334	1336							
Eh	N/A									+/- 20%	
Dissolved Oxygen	0.15	-1.10	-1.03	-1.45						+/- 20%	
Temperature (°C)	18.6	18.0	17.9	17.8						+/- 0.5 °C	
pH	8.01	7.86	7.82	7.81						+/- 0.5	
Specific Conductance (µmhos/cm)	.652	.605	.592	.531						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ~~☐ No~~ ☑ Yes, Sample No. of Duplicate Sample 030-CAP-366 (1350)

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS SLIGHTLY CLOUDY, HYDROCARBON ODOR PRESENT (MODERATE) / NO SHEEN / NO FLOATING PRODUCT DETECTED W/ INTERFACE PROBE & BAILER

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM.Forms Disk: 3/17/00

TESTED FOR Fe FILTERED UNFILTERED

TC. 0030-N0824

Point Name: CA11-10
Sample Identification: 030-CAP-136

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/2/00/1155

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA11-D01

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-136

Depth to Well Bottom: 9.90 ft. below top of casing (TOC)

Depth to Water Level: 4.20 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~.25~~ .50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1145	1147	1149	1151							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.29	-.107	-.97	-.70						+/- 20%	
Temperature (°C)	18.3	18.2	18.2	18.2						+/- 0.5 °C	
pH	7.16	7.23	7.23	7.24						+/- 0.5	
Specific Conductance (µmhos/cm)	1.81	1.83	1.92	1.91						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☐ No ☑ Yes, MS/MSD Sample Analytes VOC, TPH, TEPH, MNA, METHANE, LEAD

Remarks (odors, colors, sediment): WATER IS REDISH-BROWN/CLOUDY/NO ODOR/NO SHEEN/NO FLOATING PRODUCT DETECTED W/ INTERFACE PROBE & BAILER

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM:Forms Disk:3/17/00

TESTED FOR Fe; FILTERED 11 mg/L UNFILTERED TC . 0030 . 10824 mg/L

Point Name: CA11-11
Sample Identification: 030-CAP-137

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/3/00 / 0940

~~Monitoring Well~~ PIEZOMETER Number: FP-CA11-D4

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-137

Depth to Well Bottom: 9.90 ft. below top of casing (TOC)

Depth to Water Level: 4.51 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~[illegible]~~ .50 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0930	0932	0934	0936							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-2.50	-2.31	-1.75	-1.80						+/- 20%	
Temperature (°C)	19.2	19.3	19.3	19.4						+/- 0.5 °C	
pH	7.39	7.34	7.34	7.35						+/- 0.5	
Specific Conductance (µmhos/cm)	.687	.625	.607	.606						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS TURBID / BROWNISH-BLACK IN COLOR
THAT HYDROCARBON ODOR PRESENT / SLIGHT SHEEN / NO "FLOATING PRODUCT" DETECTED W/BOTH

Sample(s) Collected By: MIKE BARNES INTERFACE PROBE OR BAILER

[illegible] FILTERED, UNFILTERED

030.10824

Point Name: CA11-12
Sample Identification: 030-CAP-138

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/3/00 / 0855

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA11-D61

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-135

Depth to Well Bottom: 9.75 ft. below top of casing (TOC)

Depth to Water Level: 5.30 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .500 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0847	0849	0851	0853							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-2.00	-1.03	-.98	-1.12						+/- 20%	
Temperature (°C)	17.6	18.0	18.2	18.2						+/- 0.5 °C	
pH	7.40	7.46	7.44	7.43						+/- 0.5	
Specific Conductance (µmhos/cm)	.842	.593	.568	.554						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID / GREYISH IN COLOR / HEAVY PETROLEUM ODOR / HEAVY SHEEN. "NO FLOATING PRODUCT" DETECTED W/ BOTH INTERFACE PROBE BAILER

Sample(s) Collected By: MIKE BARNES

TESTED FOR Fe; FILTERED n min 10 UNFILTERED MNTD 0030.10824

MONIWELL.FRM:Forms Disk:3/17/00

Point Name: CA11-13
Sample Identification: 030-CAP-139

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/3/00/0820

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA11-D61

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-139

Depth to Well Bottom: 9.85 ft. below top of casing (TOC)

Depth to Water Level: 5.27 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate ~~1.25l~~ .50l/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0811	0813	0815	0817							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-1.21	-1.60	-1.39	-1.48						+/- 20%	
Temperature (°C)	17.1	17.5	17.7	17.8						+/- 0.5 °C	
pH	7.37	7.38	7.39	7.41						+/- 0.5	
Specific Conductance (µmhos/cm)	1.18	1.59	1.69	1.71						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1l	2l	3l							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample ~~030-CAP-367 (0825)~~ MSD

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID AT START/CLEARS W/ PURGING / NO ODOR / NO SHEEN / NO "FLOATING PRODUCT" DETECTED W/ BOTH INTERFACE PROBE & BAILER.

Sample(s) Collected By: MIKE BARNES

TESTED FOR Fe; FILTERED N/A UNFILTERED N/A

MONIWELL.FRM.Forms Disk:3/17/00

CORRECTIVE ACTION AREA 13

Point Name: CA13-01
Sample Identification: 030-CAP-187

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/27/00 / 1330

~~Monitoring Well~~ PIEZOMETER Number: FP-CA13-02

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-187

Depth to Well Bottom: 9.00 ft. below top of casing (TOC)

Depth to Water Level: 3.30 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1310	1314	1318	1322							
Eh	N/A	—	—	—						+/- 20%	
Dissolved Oxygen	-1.92	*	*	*						+/- 20%	
Temperature (°C)	20.3	*	*	*						+/- 0.5 °C	
pH	6.67	*	*	*						+/- 0.5	
Specific Conductance (μmhos/cm)	4.26	*	*	*						+/- 1%	
Redox Potential	N/A	—	—	—						+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A	—	—	—							

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS BLACKISH-BROWN, ~~NO~~ HYDROCARBON ODOR, NO SHEEN. NO FLOATING PRODUCT FOUND W/ INTERFACE PROBE & BAILER

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 2/17/00

TESTED FOR FE: FILTERED 2.8 MG/L UNFILTERED 4.0 MG/L

* DUE TO LACK OF RECOVERY, ONLY ONE PARAMETER READING WAS TAKEN

TC.0030.10824

Point Name: CA13-02
Sample Identification: 030-CAP-188

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/11/00/1045

PIEZOMETER ~~Monitoring Well~~ Number: FP-CA13-DE

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-188

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 4.60 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS Purge Rate +/-.05 ~~+.25~~ L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial	* ONLY ONE PARAMETER READING TAKEN DUE TO LACK OF RECOVERY								Stabilization Criteria	Final
Time	1020										
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	-1.40									+/- 20%	
Temperature (°C)	19.1									+/- 0.5 °C	
pH	6.13									+/- 0.5	
Specific Conductance (µmhos/cm)	4.37									+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS VERY CLOUDY / HIGH SILT CONTENT / STRONG HYDROCARBON ODOR / SMALL AMOUNTS OF PRODUCT IN H_2O / NOT DETECTED

Sample(s) Collected By: MIKE BARNES W/ PROBE OR BAILER.

FILTERED UNFILTERED

TC . 0030 . 10824

Point Name: CA13-04
Sample Identification: 030-CAP-189

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 6/16/00

~~Monitoring Well~~ PIEZOMETER Number: FP-CA13-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-189

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 6.00 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well N/A gallons

☐ Four-inch well N/A gallons

☑ ONE-INCH PIEZOMETER

Total Purged ~~3 LITERS~~ N/A Purge Rate ~~1.25 l/min~~

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1125										
Eh	N/A									+/- 20%	
Dissolved Oxygen	3.32									+/- 20%	
Temperature (°C)	20.0									+/- 0.5 °C	
pH	7.48									+/- 0.5	
Specific Conductance (µmhos/cm)	1.06									+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verification method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☐ No ☐ Yes, Sample No. of Duplicate Sample

MS/MSD Sample Collected? ☐ No ☐ Yes, MS/MSD Sample Analytes

Remarks (odors, colors, sediment): WATER IS BROWNISH IN COLOR / TURBID / SHEEN PRESENT PETROLEUM ODOR PRESENT.

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk 3/17/00

TESTED FOR Fe; FILTERED 4.0 mg/l UNFILTERED 3.5 mg/l

TC: 0020 10024

Point Name: CA13-05
Sample Identification: 030-CAP-423
Sample Identification: 030-CAP-423A

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 6/~~16~~ 15/00

~~Monitoring Well~~ PIEZOMETER Number: FP-CA13-D(

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-423

Depth to Well Bottom: 10.00 ft. below top of casing (TOC)

Depth to Water Level: 6.10 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☑ ONE-INCH PIEZOMETER

Total Purged 3 LITERS N/A Purge Rate 1.25 l/min

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time											
Eh	N/A	→								+/- 20%	
Dissolved Oxygen										+/- 20%	
Temperature (°C)										+/- 0.5 °C	
pH										+/- 0.5	
Specific Conductance (µmhos/cm)										+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS HIGHLY TURBID - SILTY / STRONG PETROLEUM ODOR / SHEEN / 030-CAP-423A COLLECTED 6/16/00

Sample(s) Collected By: MIKE BARNES

MONIWELL FRM Forms Disk 3/17/00

TESTED FOR Fe; FILTERED 0 mg/l UNFILTERED 0 mg/l

Point Name: MW-1
Sample Identification: 030-CAP-196

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/25/00 / 1445 Monitoring Well Number: MW-CA13-1

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-196

Depth to Well Bottom: 15.00 ft. below top of casing (TOC)

Depth to Water Level: 4.36 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 L Purge Rate .25/L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1431	1435	1439	1444							
Eh	N/A									+/- 20%	
Dissolved Oxygen	.1	-1.2	-.94	-1.04						+/- 20%	
Temperature (°C)	19	18	19	18.8						+/- 0.5 °C	
pH	7.6	7.5	7.4	7.4						+/- 0.5	
Specific Conductance (μmhos/cm)	.81	.76	.75	.72						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR IODIDE

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS GRAYISH BLACK IN COLOR / ~~NO ODOR~~ SLIGHT PETRO ODOR

NO SHEEN

Sample(s) Collected By: MIKE BARNES, EMILY DEAN

MONIWELL.FAM Forms Disk 3/17/00

TESTED FOR Fe: NOT FILTERED 5.5 mg/L FILTERED 4.5 mg/L

TC 0030 10824

Point Name: MW530-1
Sample Identification: 030-CAP-197

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/26/00/0845 Monitoring Well Number: MW-CA13-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-197

Depth to Well Bottom: ~~6.50~~ 15.00 ft. below top of casing (TOC)

Depth to Water Level: 6.50 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 LITERS Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	0825 INITIAL	0829	0833	0837							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.8	-1.6	-1.4	-1.2						+/- 20%	
Temperature (°C)	17	18	18	18						+/- 0.5 °C	
pH	7.6	7.6	7.6	7.6						+/- 0.5	
Specific Conductance (µmhos/cm)	2.0	2.0	2.0	2.0						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER HAS GRAYISH COLOR / BLACK PARTICULATE / PETROLEUM / HYDROCARBON ODOR PRESENT

Sample(s) Collected By: MIKE FARRUES

MONIWELL FRM Forms Disk 3/17/00

Point Name: M10B-01
Sample Identification: 030-CAP-198

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/25/00 / 1310 Monitoring Well Number: MW-CA13-1

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030 - CAP - 198

Depth to Well Bottom: 10.50 ft. below top of casing (TOC)

Depth to Water Level: ~~4.85~~ 5.67 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☒ Two-inch well N/A ~~gallons~~

☐ Four-inch well _____ gallons

☑ ~~3-inch well~~

Total Purged 3 L Purge Rate .25 L/MIN

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1245	1249	1254	1300							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.0	-.4	-.5	-.02						+/- 20%	
Temperature (°C)	20.0	19	19	19						+/- 0.5 °C	
pH	6.4	6.2	6.1	6.1						+/- 0.5	
Specific Conductance (µmhos/cm)	7.5	6.3	5.7	5.5						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1L	2L	3L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER CLEAR / SMALL AMOUNT OF BLACK PARTICULATE NO ODOR

Sample(s) Collected By: MIKE BARNETT / EMILY OWEN

TESTED FOR Fe. FILTERED 2.1 mg/L NOT FILTERED 2 mg/L

MONIWELL.FRM Forms Disk 3/17/00

TC . 0030 . 10824

Point Name: M13-07
Sample Identification: 030-CAP-199

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 4/25/00 / 1205 Monitoring Well Number: MW - CA13 - 01

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030 - CAP - 199

Depth to Well Bottom: 12.50 ft. below top of casing (TOC)

Depth to Water Level: 4.26 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A ~~gallons~~

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 L Purge Rate .25 L/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1150	1154	1200	1204							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-2.15	-.43	-.23	-.25						+/- 20%	
Temperature (°C)	18.1	18.2	18.0	18.00						+/- 0.5 °C	
pH	6.06	5.86	5.90	5.80						+/- 0.5	
Specific Conductance (µmhos/cm)	.777	.715	.676	.70						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verification method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER GREYISH-BLACK WITH PETROLEUM ODOR, NO SHEEN HEAVY BLACK PARTICULATE MATTER. ~~TESTED FOR Fe~~

Sample(s) Collected By: MIKE BARNES, EMILY DEAN

MONIWELL FPM Forms Disk 3/17/00

TESTED FOR Fe: FILTERED 5.4 mg/L NOT FILTERED 5.0 mg/L

TC 0030 10824

ENVIRONMENTAL BASELINE SURVEY
PARCEL 149

Point Name: MWC2-2
Sample Identification: 030-CAP-405

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 6/21/00 16:28 Monitoring Well Number: MWC2-2

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-405 FIELD ID MW-1R16-DG6-01

Depth to Well Bottom: ~~4.63~~ ft. below top of casing (TOC) ~~and 5.45 ft bgs~~

Depth to Water Level: 4.63 ft. below TOC and 5.43 ft bgs

Depth to Water Level: _____ ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☒ peristaltic - micropurge

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged _____ Purge Rate _____

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial	∇ from TOC 4.41	4.43	4.70	4.72					Stabilization Criteria	Final
Time		16:08	16:12	16:19	16:25						
~~Bb~~ Turbidity NTU		1	2	0	1					+/- 20%	
Dissolved Oxygen		2.69	3.06	3.5	3.3					+/- 20%	
Temperature (°C)		21.9	22.1	22.4	22.5					+/- 0.5 °C	
pH		4.40	4.40	4.41	4.37					+/- 0.5	
Specific Conductance (µmhos/cm)		8.03	7.79	7.83	7.70					+/- 1%	
Redox Potential										+/- 10mV	
Volume Purged		1l	2l	4l	6l						
Gallons Purged											

Instrument Calibration verifiation method: _____

Sampling Method: ☐ Bailer ☐ Bladder ☒ Other peristaltic pump

Duplicate Sample Collected? ☒ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☒ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): No Sheen, No odor

Sample(s) Collected By: JCB/MK

MONIWELL.FRM Forms Disk: 3/17/00

TC 0030 10824

ENVIRONMENTAL BASELINE SURVEY
PARCEL 155B

Point Name: 15-MW1
Sample Identification: 030-CAP-406
Sample Identification: 030-CAP-409

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 10/21/00 14:20/1425 Monitoring Well Number: 15-MW-1

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-406 + 409 Duplicate mw-BG 15-DG6-01 - Field I.D.

Depth to Well Bottom: 18.5' ft. below top of casing (TOC)

Depth to Water Level: 7.85' ft. below TOC

Depth to Water Level: — ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☒ peristaltic - micro purge

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged _____ Purge Rate Ø.5-Ø.4 l/m

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial	7.90	7.81	7.75						Stabilization Criteria	Final
Time 14:12	1406	14:10	14:17	14:20							
~~pH~~ Turbidity	883	1	Ø	1						+/- 20%	
Dissolved Oxygen mg/l	1.45	.66	1.03	.46						+/- 20%	
Temperature (°C)	20.8	20.5	20.2	20.2						+/- 0.5 °C	
pH	4.34	4.34	4.36	4.36						+/- 0.5	
Specific Conductance (µmhos/cm)	4050	4056	4010	3970						+/- 1%	
Redox Potential										+/- 10mV	
Volume Purged	Ø.5 l	2 l	3.5 l	5 l							
Gallons Purged	—										

Instrument Calibration verifiation method: _____

Sampling Method: ☐ Bailer ☐ Bladder ☒ Other peristaltic pump

Duplicate Sample Collected? ☐ No ☒ Yes, Sample No. of Duplicate Sample 030-CAP-409

MS/MSD Sample Collected? ☒ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): no odor, no sheen, clear

Sample(s) Collected By: JCB / MR

MONIWELL.FRM:Forms Disk 3/17/00

Point Name: 15-MW2
Sample Identification: 030-CAP-407

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 6/21/00 15⁰⁰ Monitoring Well Number: 15-MW-2

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-407 MW-B6/15-D6G-02

Depth to Well Bottom: _____ ft. below top of casing (TOC)

Depth to Water Level: 7.10 ft. below TOC

Depth to Water Level: _____ ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☒ peristaltic pump. ☐ Bailer

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged _____ Purge Rate .25 l/m

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial	~~[illegible]~~		7.52	7.46					Stabilization Criteria	Final
Time		1446	1451	1456	1500						
~~[illegible]~~ Turbidity NTU		75	73	120	2					+/- 20%	
Dissolved Oxygen		4.51	2.75	2.64	2.55					+/- 20%	
Temperature (°C)		21.5	20.8	20.7	20.9					+/- 0.5 °C	
pH		4.35	4.37	4.41	4.41					+/- 0.5	
Specific Conductance (µmhos/cm)		2100	2750	2750	2790					+/- 1%	
Redox Potential										+/- 10mV	
Volume Purged											
Gallons Purged											

Instrument Calibration verifiation method: _____

Sampling Method: ☐ Bailer ☐ Bladder ☒ Other peristaltic pump

Duplicate Sample Collected? ☒ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☒ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): no odor, no sheen,

Sample(s) Collected By: JCB/MR

MONIWELL.FRM Forms Disk 3/17/00

Point Name: 15-MW3
Sample Identification: 030-CAP-408

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 6/21/00 Monitoring Well Number: 15-MW3

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-408 FIELD ID = MW-BG15-DG6-03

Depth to Well Bottom: _____ ft. below top of casing (TOC)

Depth to Water Level: ~~5.82~~ 6.35 ft. ~~below TOC~~ bgs 5.82 from TOC

Depth to Water Level: _____ ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☒ parastaltic micropurge

Minimum Purge Volume: ☐ Two-inch well _____ gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged _____ Purge Rate 0.5 l/m

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial	~~6.9~~ 5 from TOC	~~6.9~~ 5	~~6.9~~ 5	5.9					Stabilization Criteria	Final
Time		15.23	1526	1531	1538						
~~pH~~ Turbidity NTU		2	1	1	0					+/- 20%	
Dissolved Oxygen		1.1	0.44	0.11	0.11					+/- 20%	
Temperature (°C)		22.2	22.1	22.1	21.6					+/- 0.5 °C	
pH		4.53	4.35	4.36	4.36					+/- 0.5	
Specific Conductance (µmhos/cm)		7.39	8.47	9.10	9.54					+/- 1%	
Redox Potential										+/- 10mV	
Volume Purged		2l	3l	4l	6l						
Gallons Purged											

Instrument Calibration verifiation method: _____

Sampling Method: ☐ Bailer ☐ Bladder ☒ Other peristaltic pump

Duplicate Sample Collected? ☒ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☒ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): No odor, No sheen

Sample(s) Collected By: JCB/MR

MONIWELL.FRM.Forms Disk 3/17/00

OPERABLE UNIT 3

Point Name: M026-A
Sample Identification: 030-CAP-246

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/5/00/0915 Monitoring Well Number: ~~MW-CA-D6~~ MW-003-D61

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-246

Depth to Well Bottom: 14.10 ft. below top of casing (TOC)

Depth to Water Level: 5.95 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l Purge Rate ~~.25~~ .50 l/min.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0905	0907	0908	0916							
Eh	N/A									+/- 20%	
Dissolved Oxygen	4.39	4.64	3.53	4.17						+/- 20%	
Temperature (°C)	15.3	15.3	15.3	15.3						+/- 0.5 °C	
pH	7.30	7.24	7.24	7.23						+/- 0.5	
Specific Conductance (µmhos/cm)	35.7	35.6	35.5	35.1						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS FAIRLY CLEAR / BROWNISH PARTICULATE
NO ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM.Forms Disk:3/17/00

Point Name: M027-A
Sample Identification: 030-CAP-247
Sample Identification: 030-CAP-381

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/4/00/1450 Monitoring Well Number: ~~MW-CA~~ MW-003-D6

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-247

Depth to Well Bottom: 13.60 ft. below top of casing (TOC)

Depth to Water Level: 4.92 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l Purge Rate ~~1.25 l~~ +.50 l/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1442	1444	1446	1448							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.03	-1.02	-.99	-1.03						+/- 20%	
Temperature (°C)	18.9	18.1	17.9	17.9						+/- 0.5 °C	
pH	7.24	7.23	7.17	7.14						+/- 0.5	
Specific Conductance (µmhos/cm)	2.94	2.96	2.81	2.77						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ~~☐ No~~ ☑ Yes, Sample No. of Duplicate Sample 030-CAP-381 (1455)

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes ~~[illegible]~~

Remarks (odors, colors, sediment): WATER IS CLEAR / FINE PARTICULATE / NO ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM.Forms Disk: 3/17/00

TC . 0030 . 10824

Point Name: M034-A
Sample Identification: 030-CAP-249

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/4/00 / 1335 Monitoring Well Number: ~~MW-CA~~ MW-003-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-249

Depth to Well Bottom: 12.40 ft. below top of casing (TOC)

Depth to Water Level: 3.83 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 L Purge Rate ~~1.25 L~~ .50 L/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1327	1329	1331	1332							
Eh	N/A									+/- 20%	
Dissolved Oxygen	.41	.60	-1.05	-.67						+/- 20%	
Temperature (°C)	19.4	18.00	17.8	17.8						+/- 0.5 °C	
pH	7.02	6.85	6.79	6.82						+/- 0.5	
Specific Conductance (µmhos/cm)	1.0	1.07	.830	.786						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 L	2 L	3 L							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR / WEIRD UN-DESCRIBABLE ODOR (METHANE?) / NO SHEEN, SOLVENT? STRONG!

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM Forms Disk: 3/17/00

TC . 0030 . 10824

Point Name: M033-A
Sample Identification: 030-CAP-250

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/4/00 / 1305

Monitoring Well Number: ~~MW-CA-11~~ MW-003-D01

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-250

Depth to Well Bottom: 13.00 ft. below top of casing (TOC)

Depth to Water Level: 5.25 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l

Purge Rate ~~.250 l~~ .50 l/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1258	1259	1301	1303							
Eh	N/A	→								+/- 20%	
Dissolved Oxygen	.64	1.35	1.00	1.50						+/- 20%	
Temperature (°C)	19.5	19.0	18.6	18.7						+/- 0.5 °C	
pH	6.86	6.98	7.03	7.10						+/- 0.5	
Specific Conductance (µmhos/cm)	.556	.594	.583	.569						+/- 1%	
Redox Potential	N/A	→								+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A	→									

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR / SLIGHT ORGANIC SMELL / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONIWELL.FRM:Forms Disk: 3/17/00

TC . 0030 . 10824

Point Name: M029-A
Sample Identification: 030-CAP-251

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/3/00 / 1150 Monitoring Well Number: ~~MW-CA~~ MW-003-061

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-251

Depth to Well Bottom: 14.00 ft. below top of casing (TOC)

Depth to Water Level: 5.35 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l Purge Rate ~~1.25 l~~ .50 l/min.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING

Measure in order listed	Initial									Stabilization Criteria	Final
Time	1246	1248	1250	1253							
Eh	N/A									+/- 20%	
Dissolved Oxygen	.72	.25	-.02	-.11						+/- 20%	
Temperature (°C)	18.4	17.3	17.1	17.0						+/- 0.5 °C	
pH	7.29	7.24	7.28	7.38						+/- 0.5	
Specific Conductance (µmhos/cm)	1.07	1.09	1.09	1.03						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR W/ BLACK PARTICULATE / NO SHEEN / ORGANIC ODOR PRESENT.

Sample(s) Collected By: MIKE BARNES

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Point Name: M001-A
Sample Identification: 030-CAP-252

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/3/00/1115 Monitoring Well Number: ~~MW-CA~~ MW-003-D61

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-252

Depth to Well Bottom: 14.00 ft. below top of casing (TOC)

Depth to Water Level: 4.48 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l Purge Rate ~~~~ +50 /MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1108	1110	1112	1114							
Eh	N/A									+/- 20%	
Dissolved Oxygen	.10	-.18	-.25	-.73						+/- 20%	
Temperature (°C)	18.0	17.8	17.8	17.7						+/- 0.5 °C	
pH	7.16	7.11	7.12	7.11						+/- 0.5	
Specific Conductance (µmhos/cm)	.736	.741	.742	.752						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR W/ FINE BROWNISH PARTICULATE NO ODOR / NO SHEEN (ACTUALLY SLIGHT ODOR OF EITHER ORGANICS OR HYD CAR

Sample(s) Collected By: MIKE BARNES

Point Name: M002-A
Sample Identification: 030-CAP-253

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

MW - 003 - D6

Date/Time of Sample Collection: 5/2/00 / 1505 Monitoring Well Number: ~~MW-CA-B~~

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030 - CAP - 253

Depth to Well Bottom: 7.90 ft. below top of casing (TOC)

Depth to Water Level: 7.00 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l Purge Rate ~~[illegible]~~ 150 ml/min.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1453	1458	1501	1504							
Eh	N/A									+/- 20%	
Dissolved Oxygen	0.00	0.24	-0.7	-0.9						+/- 20%	
Temperature (°C)	19.2	18.2	17.8	17.6						+/- 0.5 °C	
pH	6.87	6.82	6.79	6.76						+/- 0.5	
Specific Conductance (µmhos/cm)	2.46	2.37	2.43	2.51						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLEAR / NO ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

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Point Name: M003-A
Sample Identification: 030-CAP-254

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/4/00/0930 Monitoring Well Number: ~~MW-03~~ NW-003-D01

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-254

Depth to Well Bottom: 14.00 ft. below top of casing (TOC)

Depth to Water Level: 5.32 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l Purge Rate ~~1.25 l~~ 1.50 l/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	0920	0922	0923	0925							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.13	-1.11	-.79	-1.20						+/- 20%	
Temperature (°C)	17.5	17.6	17.6	17.6						+/- 0.5 °C	
pH	6.22	6.59	6.67	6.70						+/- 0.5	
Specific Conductance (µmhos/cm)	.655	.617	.634	.616						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLOUDY / YELLOWISH IN COLOR / UNDESIRABLE ODOR / NO SHEEN / POSSIBLE SULFUR ODOR ?

Sample(s) Collected By: MIKE BARNES

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Point Name: M030-A
Sample Identification: 030-CAP-255

Tetra Tech EM Inc.

GROUNDWATER SAMPLING FORM

Date/Time of Sample Collection: 5/4/00 / 1010

Monitoring Well Number: ~~MW-CA~~ MW-003-D

Project Site/Subsite: Alameda Point, Alameda

Sample Number: 030-CAP-255

Depth to Well Bottom: 12.50 ft. below top of casing (TOC)

Depth to Water Level: 4.20 ft. below TOC

Depth to Water Level: N/A ft below TOC prior to sampling

Method of Purging: ☐ Bladder Pump ☐ Submersible Pump ☐ Bailer ☑ PERISTALTIC PUMP

Minimum Purge Volume: ☑ Two-inch well N/A gallons

☐ Four-inch well _____ gallons

☐ _____

Total Purged 3 l

Purge Rate +.50 l ~~+.25 l~~/MIN.

PHYSIO-CHEMICAL PARAMETERS DURING PURGING											
Measure in order listed	Initial									Stabilization Criteria	Final
Time	1002	1003	1005	1006							
Eh	N/A									+/- 20%	
Dissolved Oxygen	-1.44	-.28	-1.25	-.44						+/- 20%	
Temperature (°C)	17.0	16.9	17.0	16.9						+/- 0.5 °C	
pH	7.28	7.25	7.15	7.08						+/- 0.5	
Specific Conductance (µmhos/cm)	.418	.286	.323	.342						+/- 1%	
Redox Potential	N/A									+/- 10mV	
Volume Purged	INITIAL	1 l	2 l	3 l							
Gallons Purged	N/A										

Instrument Calibration verifiation method: CALIBRATION SOLUTION FOR HORIBA METER

Sampling Method: ☐ Bailer ☐ Bladder ☑ Other PERISTALTIC PUMP

Duplicate Sample Collected? ☑ No ☐ Yes, Sample No. of Duplicate Sample _____

MS/MSD Sample Collected? ☑ No ☐ Yes, MS/MSD Sample Analytes _____

Remarks (odors, colors, sediment): WATER IS CLOUDY, BROWNISH IN COLOR / NO ODOR / NO SHEEN

Sample(s) Collected By: MIKE BARNES

MONITWELL.FRM.Forms Disk:3/17/00

APPENDIX D
ANALYTICAL DATA

CORRECTIVE ACTION AREA 1

Corrective Action Area 1
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ	
Point Name:	CA01-01	
Sample Identification:	030-CAP-001	
Sample Date:	26-APR-00	
Sample Depth:	0.0 to 10.0	
Sample Media (Units):	Water (mg/L)	
Inorganic Compounds (Dissolved)		
Lead	.003	U
MNA Parameters		
Bicarbonate Alkalinity	510	
Carbonate Alkalinity	5	U
Chloride	57	
Hydroxide Alkalinity	5	U
Methane	7.6	
Nitrate	.1	UJ
Sulfate	4.9	
Total Alkalinity	510	
TPH Extractable Compounds		
Diesel-range Organics	.1	U
Motor-oil-range Organics	.5	U
TPH Purgeable Compounds		
Gasoline-range Organics	.082	UJ
Volatile Organic Compounds		
1,1,1-Trichloroethane	.001	U
1,1,2,2-Tetrachloroethane	.001	U
1,1,2-Trichloroethane	.001	U
1,1-Dichloroethane	.001	U
1,1-Dichloroethene	.001	U
1,2,4-Trimethylbenzene	.001	U
1,2-Dichloroethane	.001	U
1,2-Dichloropropane	.001	U
1,3,5-Trimethylbenzene	.001	U
Benzene	.0021	
Bromodichloromethane	.001	U
Bromoform	.001	U
Bromomethane	.005	U
Carbon Tetrachloride	.001	U

TC . 0030 . 10824

Corrective Action Area 1
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ	
Point Name:	CA01-01	
Sample Identification:	030-CAP-001	
Sample Date:	26-APR-00	
Sample Depth:	0.0 to 10.0	
Sample Media (Units):	Water (mg/L)	
Volatile Organic Compounds		
Chlorobenzene	.001	U
Chloroethane	.005	U
Chloroform	.001	U
Chloromethane	.005	U
Cis-1,2-Dichloroethene	.001	U
Cis-1,3-Dichloropropene	.001	U
Dibromochloromethane	.001	U
Ethylbenzene	.001	U
M,P-Xylene	.001	U
Methyl Tertiary Butyl Ether	.002	U
Methylene Chloride	.002	U
O-Xylene	.001	U
Styrene	.001	U
Tetrachloroethene	.001	U
Toluene	.001	U
Trans-1,2-Dichloroethene	.001	U
Trans-1,3-Dichloropropene	.001	U
Trichloroethene	.001	U
Vinyl Chloride	.0005	U

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CORRECTIVE ACTION AREA 2

Corrective Action Area 2
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		MW		MW	
Point Name:	CA02-01		FS1MJ-MW-1		FS1MJ-MW-4	
Sample Identification:	030-CAP-002		030-CAP-004		030-CAP-005	
Sample Date:	26-APR-00		26-APR-00		26-APR-00	
Sample Depth:	0.0 to 10.0					
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)						
Lead	.008		.003	U	.003	U
MNA Parameters						
Bicarbonate Alkalinity	580		N/A		N/A	
Carbonate Alkalinity	5	U	N/A		N/A	
Chloride	1400		N/A		N/A	
Hydroxide Alkalinity	5	U	N/A		N/A	
Methane	.15		N/A		N/A	
Nitrate	.2	UJ	N/A		N/A	
Sulfate	1	U	N/A		N/A	
Total Alkalinity	580		N/A		N/A	
TPH Extractable Compounds						
Diesel-range Organics	.89	J	.1	U	.1	U
JP5-Range Organics	N/A		.1	U	.1	U
Motor-oil-range Organics	.5	U	.5	U	.5	U
TPH Purgeable Compounds						
Gasoline-range Organics	1.4	J	.05	U	.05	U
Volatile Organic Compounds						
1,1,1-Trichloroethane	.001	U	.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U	.001	U
1,1-Dichloroethane	.001	U	.001	U	.001	U
1,1-Dichloroethene	.001	U	.001	U	.001	U
1,2,4-Trimethylbenzene	.001	U	.001	U	.001	U
1,2-Dichloroethane	.001	U	.001	U	.001	U
1,2-Dichloropropane	.001	U	.001	U	.001	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.001	U
Benzene	.0005	U	.0005	U	.0005	U
Bromodichloromethane	.001	U	.001	U	.001	U
Bromoform	.001	U	.001	U	.001	U
Bromomethane	.005	U	.005	U	.005	U

Corrective Action Area 2
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		MW		MW	
Point Name:	CA02-01		FS1MJ-MW-1		FS1MJ-MW-4	
Sample Identification:	030-CAP-002		030-CAP-004		030-CAP-005	
Sample Date:	26-APR-00		26-APR-00		26-APR-00	
Sample Depth:	0.0 to 10.0					
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds						
Carbon Tetrachloride	.001	U	.001	U	.001	U
Chlorobenzene	.001	U	.001	U	.001	U
Chloroethane	.005	U	.005	U	.005	U
Chloroform	.001	U	.001	U	.001	U
Chloromethane	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U	.001	U
Ethylbenzene	.001	U	.001	U	.001	U
M,P-Xylene	.0008	J	N/A		N/A	
Methyl Tertiary Butyl Ether	.002	U	.002	U	.002	U
Methylene Chloride	.002	U	.005	U	.005	U
O-Xylene	.0007	J	N/A		N/A	
Styrene	.001	U	.001	U	.001	U
Tetrachloroethene	.001	U	.001	U	.001	U
Toluene	.001	U	.001	U	.001	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U
Trichloroethene	.001	U	.001	U	.001	U
Vinyl Chloride	.0005	U	.0005	U	.0005	U
Xylene (Total)	N/A		.001	U	.001	U

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CORRECTIVE ACTION AREA 3

Corrective Action Area 3
Analytical Results
Alameda Point, Alameda, California

Point Type:	MW		MW		MW		MW		MW		MW		PZ		GP	
Point Name:	398-A19		398-A19		398-MW1		398-MW2		398-MW3		398-MW4		CA03-01		CA03-02	
Sample Identification:	030-CAP-035		030-CAP-357		030-CAP-031		030-CAP-032		030-CAP-033		030-CAP-034		030-CAP-006		030-CAP-008	
Sample Date:	01-MAY-00		01-MAY-00		01-MAY-00		01-MAY-00		01-MAY-00		01-MAY-00		27-APR-00		26-APR-00	
Sample Depth:													0.0 to 10.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	N/A		N/A		N/A		N/A		N/A		N/A		.003	U	.0073	
MNA Parameters																
Bicarbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		150		N/A	
Carbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		5	U	N/A	
Chloride	N/A		N/A		N/A		N/A		N/A		N/A		12		N/A	
Hydroxide Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		5	U	N/A	
Methane	N/A		N/A		N/A		N/A		N/A		N/A		.0005	U	N/A	
Nitrate	N/A		N/A		N/A		N/A		N/A		N/A		.16		N/A	
Sulfate	N/A		N/A		N/A		N/A		N/A		N/A		73		N/A	
Total Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		150		N/A	
TPH Extractable Compounds																
Diesel-range Organics	N/A		N/A		N/A		N/A		N/A		N/A		.1	U	.1	U
JP5-Range Organics	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.1	U
Motor-oil-range Organics	N/A		N/A		N/A		N/A		N/A		N/A		.5	U	.5	U
TPH Purgeable Compounds																
Gasoline-range Organics	N/A		N/A		N/A		N/A		N/A		N/A		.05	U	4.3	J
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.016		.01	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,1,2-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,1-Dichloroethane	.001	U	.001	U	.001	U	.0014		.001	U	.001	U	.014		.01	U
1,1-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,2,4-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,2-Dichloroethane	.0009	J	.001		.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,2-Dichloropropane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Benzene	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.62	
Bromodichloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Bromoform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Bromomethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.01	U

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Corrective Action Area 3
Analytical Results
Alameda Point, Alameda, California

Point Type:	MW		MW		MW		MW		MW		MW		PZ		GP	
Point Name:	398-A19		398-A19		398-MW1		398-MW2		398-MW3		398-MW4		CA03-01		CA03-02	
Sample Identification:	030-CAP-035		030-CAP-357		030-CAP-031		030-CAP-032		030-CAP-033		030-CAP-034		030-CAP-006		030-CAP-008	
Sample Date:	01-MAY-00		01-MAY-00		01-MAY-00		01-MAY-00		01-MAY-00		01-MAY-00		27-APR-00		26-APR-00	
Sample Depth:													0.0 to 10.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds																
Carbon Tetrachloride	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Chlorobenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Chloroethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.05	U
Chloroform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Chloromethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.05	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Dibromochloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Ethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
M,P-Xylene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Methyl Tertiary Butyl Ether	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.02	U
Methylene Chloride	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.05	U
O-Xylene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Styrene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Tetrachloroethene	.001	U	.001	U	.0005	J	.001	U	.001	U	.001	U	.001	U	.01	U
Toluene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Trichloroethene	.001	U	.001	U	.0007	J	.001	U	.001	U	.001	U	.001	U	.01	U
Vinyl Chloride	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.005	U
Xylene (Total)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.21	

TC.0030.10824

CORRECTIVE ACTION AREA 4

Corrective Action Area 4
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		GP		GP		GP		HP		HP		HP	
Point Name:	CA04-01		CA04-02		CA04-03		CA04-04		CA04-04		CA04-05		CA04-05		CA04-06	
Sample Identification:	030-CAP-036		030-CAP-037		030-CAP-038		030-CAP-040		030-CAP-041		030-CAP-058		030-CAP-059		030-CAP-060	
Sample Date:	27-APR-00		27-APR-00		04-MAY-00		04-MAY-00		04-MAY-00		27-APR-00		27-APR-00		27-APR-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		4.0 to 5.0		0.5 to 1.5		3.0 to 4.0		0.0 to 10.0		46.0 to 50.0		6.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	.003	U	N/A		N/A		N/A		N/A		N/A		N/A	
Inorganic Compounds (Total)																
Lead	N/A		N/A		2900		23		25		N/A		N/A		N/A	
MNA Parameters																
Bicarbonate Alkalinity	36		500		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	5	U	5	U	N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	5.9		21		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	5	U	5	U	N/A		N/A		N/A		N/A		N/A		N/A	
Methane	.033		9.8	J	N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	.33		.1	UJ	N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	2.8		.66		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	36		500		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	.1	U	.11	J	10	U	10	U	10	U	N/A		N/A		N/A	
JP5-Range Organics	N/A		N/A		10	U	10	U	10	U	N/A		N/A		N/A	
Motor-oil-range Organics	.5	U	.5	U	250	U	250	U	250	U	N/A		N/A		N/A	
TPH Purgeable Compounds																
Gasoline-range Organics	.084	UJ	.22	UJ	.5	U	.5	UJ	.5	UJ	N/A		N/A		N/A	
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
1,1-Dichloroethane	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
1,1-Dichloroethene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
1,2,4-Trimethylbenzene	.0006	J	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	UJ
1,2-Dichloroethane	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
1,2-Dichloropropane	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	UJ
Benzene	.0005	U	.0005	U	.01	U	.01	U	.01	U	.0005	U	.0005	U	.0005	UJ

TC.0030.10824

Corrective Action Area 4
Analytical Results
Alameda Point, Alameda, California

Point Type:	HP	HP	MW	MW	MW	MW	MW
Point Name:	CA04-06	CA04-06	M07C-08	M07C-09	MW547-1	MW547-1	MW547-4
Sample Identification:	030-CAP-061	030-CAP-360	030-CAP-063	030-CAP-065	030-CAP-062	030-CAP-064	030-CAP-066
Sample Date:	27-APR-00	27-APR-00	27-APR-00	27-APR-00	27-APR-00	27-APR-00	27-APR-00
Sample Depth:	46.0 to 50.0	6.0 to 10.0					
Sample Media (Units):	Water (mg/L)	Water (mg/L)	Water (mg/L)	Water (mg/L)	Water (mg/L)	Water (mg/L)	Water (mg/L)
Inorganic Compounds (Dissolved)							
Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Inorganic Compounds (Total)							
Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MNA Parameters							
Bicarbonate Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbonate Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydroxide Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methane	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulfate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TPH Extractable Compounds							
Diesel-range Organics	N/A	N/A	N/A	N/A	N/A	N/A	N/A
JP5-Range Organics	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Motor-oil-range Organics	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TPH Purgeable Compounds							
Gasoline-range Organics	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Volatile Organic Compounds							
1,1,1-Trichloroethane	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U
1,1,2,2-Tetrachloroethane	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U
1,1,2-Trichloroethane	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U
1,1-Dichloroethane	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U
1,1-Dichloroethene	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U
1,2,4-Trimethylbenzene	.001 U	.001 UJ	.001 U	.001 U	.001 U	.001 U	.001 U
1,2-Dichloroethane	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U
1,2-Dichloropropane	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U	.001 U
1,3,5-Trimethylbenzene	.001 U	.001 UJ	.001 U	.001 U	.001 U	.001 U	.001 U
Benzene	.0005 U	.0005 UJ	.0005 U	.0005 U	.0005 U	.0005 U	.0005 U

TC. 0030.10824

Corrective Action Area 4
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		GP		GP		GP		HP		HP		HP	
Point Name:	CA04-01		CA04-02		CA04-03		CA04-04		CA04-04		CA04-05		CA04-05		CA04-06	
Sample Identification:	030-CAP-036		030-CAP-037		030-CAP-038		030-CAP-040		030-CAP-041		030-CAP-058		030-CAP-059		030-CAP-060	
Sample Date:	27-APR-00		27-APR-00		04-MAY-00		04-MAY-00		04-MAY-00		27-APR-00		27-APR-00		27-APR-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		4.0 to 5.0		0.5 to 1.5		3.0 to 4.0		0.0 to 10.0		46.0 to 50.0		6.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	.0016		.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Bromoform	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Bromomethane	.005	U	.005	U	.01	U	.01	U	.01	U	.005	U	.005	U	.005	U
Carbon Tetrachloride	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Chlorobenzene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	UJ
Chloroethane	.005	U	.005	U	.01	U	.01	U	.01	U	.005	U	.005	U	.005	U
Chloroform	.034		.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Chloromethane	.005	U	.005	U	.01	U	.01	U	.01	U	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Ethylbenzene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	UJ
M,P-Xylene	.0005	J	.001	U	N/A		N/A		N/A		.001	U	.001	U	.001	UJ
Methyl Tertiary Butyl Ether	.002	U	.002	U	.01	U	.01	U	.01	U	.002	U	.002	U	.002	U
Methylene Chloride	.002	U	.002	U	.01	U	.01	U	.01	U	.0023	UJ	.002	U	.002	U
O-Xylene	.001	U	.001	U	N/A		N/A		N/A		.001	U	.001	U	.001	UJ
Styrene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	UJ
Tetrachloroethene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Toluene	.001	U	.001	U	.01	U	.01	U	.01	U	.0006	J	.0021		.0006	J
Trans-1,2-Dichloroethene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Trichloroethene	.001	U	.001	U	.01	U	.01	U	.01	U	.001	U	.001	U	.001	U
Vinyl Chloride	.0005	U	.0005	U	.01	U	.01	U	.01	U	.0005	U	.0005	U	.0005	U
Xylene (Total)	N/A		N/A		.01	U	.01	U	.01	U	N/A		N/A		N/A	

TC.0030.10824

Corrective Action Area 4
Analytical Results
Alameda Point, Alameda, California

Point Type:	HP		HP		MW		MW		MW		MW		MW	
Point Name:	CA04-06		CA04-06		M07C-08		M07C-09		MW547-1		MW547-1		MW547-4	
Sample Identification:	030-CAP-061		030-CAP-360		030-CAP-063		030-CAP-065		030-CAP-062		030-CAP-064		030-CAP-066	
Sample Date:	27-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00	
Sample Depth:	46.0 to 50.0		6.0 to 10.0											
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds														
Bromodichloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Bromoform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Bromomethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Carbon Tetrachloride	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chlorobenzene	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U	.001	U
Chloroethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Chloroform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chloromethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Ethylbenzene	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U	.001	U
M,P-Xylene	.001	U	.001	UJ	N/A		N/A		.001	U	N/A		N/A	
Methyl Tertiary Butyl Ether	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U
Methylene Chloride	.002	U	.0025	UJ	.005	U	.005	U	.002	U	.005	U	.005	U
O-Xylene	.001	U	.001	UJ	N/A		N/A		.001	U	N/A		N/A	
Styrene	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U	.001	U
Tetrachloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Toluene	.0015		.0006	J	.001	U	.001	U	.001	U	.001	U	.001	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Vinyl Chloride	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U
Xylene (Total)	N/A		N/A		.001	U	.001	U	N/A		.001	U	.001	U

TC.0030.10824

CORRECTIVE ACTION AREA 5

Corrective Action Area 5
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		PZ		PZ		PZ		PZ	
Point Name:	CA05-01		CA05-01		CA05-02		CA05-03		CA05-04		CA05-05	
Sample Identification:	030-CAP-067		030-CAP-361		030-CAP-068		030-CAP-069		030-CAP-070		030-CAP-071	
Sample Date:	10-MAY-00		10-MAY-00		10-MAY-00		10-MAY-00		11-MAY-00		16-JUN-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)												
Lead	.003	U	.003	U	.003	U	.003	U	.003	U	.003	U
MNA Parameters												
Bicarbonate Alkalinity	650		600		170		280		140		580	
Carbonate Alkalinity	5	U	5	U	5	U	5	U	5	U	5	U
Chloride	890		860		4.7		65		4.9		400	
Hydroxide Alkalinity	5	U	5	U	5	U	5	U	5	U	5	U
Methane	6.1	J	5.3	J	.66	J	6.3	J	9.6	J	2.1	
Nitrate	.1	UJ	.1	UJ	.1	UJ	.1	UJ	.1	U	.1	U
Sulfate	240		280		3.6		61		.5	U	29	
Total Alkalinity	650		600		170		280		140		580	
TPH Extractable Compounds												
Diesel-range Organics	.1	U	.1	U	.21	J	.1	U	.36	J	6.4	
Motor-oil-range Organics	.5	U	.5	U	.5	U	.67	J	.5	U	3	
TPH Purgeable Compounds												
Gasoline-range Organics	.2	UJ	.22	UJ	.15	UJ	.075	UJ	2.6	J	.05	U
Volatile Organic Compounds												
1,1,1-Trichloroethane	.001	U	.001	U	.001	U	.17		.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethane	.026		.035		.0009	J	.24		.001	U	.0033	
1,1-Dichloroethene	.001	U	.001	U	.001	U	.78		.001	U	.001	U
1,2,4-Trimethylbenzene	.0006	J	.0006	J	.001	U	.001	U	.098		.001	U
1,2-Dichloroethane	.001	U	.001	U	.001	U	.023		.001	U	.001	U
1,2-Dichloropropane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,3,5-Trimethylbenzene	.0006	J	.0006	J	.001	U	.001	U	.014		.001	U
Benzene	.0005	U	.0005	U	.0005	U	.0006		.0005	U	.0005	U
Bromodichloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Bromoform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Bromomethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Carbon Tetrachloride	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U

Corrective Action Area 5
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		PZ		PZ		PZ		PZ	
Point Name:	CA05-01		CA05-01		CA05-02		CA05-03		CA05-04		CA05-05	
Sample Identification:	030-CAP-067		030-CAP-361		030-CAP-068		030-CAP-069		030-CAP-070		030-CAP-071	
Sample Date:	10-MAY-00		10-MAY-00		10-MAY-00		10-MAY-00		11-MAY-00		16-JUN-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds												
Chlorobenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chloroethane	.016		.016		.005	U	.005	U	.005	U	.005	U
Chloroform	.001	U	.001	U	.001	U	.0017		.001	U	.001	U
Chloromethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	.0022		.0026		.0026		.022		.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Ethylbenzene	.001	U	.001	U	.001	U	.001	U	.003		.001	U
M,P-Xylene	.001	U	.001	U	.001	U	.001	U	.0029		.001	U
Methyl Tertiary Butyl Ether	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U
Methylene Chloride	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U
O-Xylene	.001	U	.001	U	.001	U	.001	U	.0054		.001	U
Styrene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Tetrachloroethene	.001	U	.001	U	.001	U	.0032		.001	U	.001	U
Toluene	.001	U	.001	U	.001	U	.001	U	.0008	J	.001	U
Trans-1,2-Dichloroethene	.0031		.0028		.001	U	.0014		.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trichloroethene	.005		.0063		.015		.079		.001	U	.001	U
Vinyl Chloride	.0052		.0065		.0007		.01		.0005	U	.0005	U

TC.0030.10824

CORRECTIVE ACTION AREA 6

Corrective Action Area 6
Analytical Results
Alameda Point, Alameda, California

Point Type:	MHSD		MHSD		PZ		PZ	
Point Name:	3A		3A		CA06-01		CA06-02	
Sample Identification:	030-CAP-081		030-CAP-404		030-CAP-080		030-CAP-400	
Sample Date:	04-MAY-00		04-MAY-00		03-MAY-00		03-MAY-00	
Sample Depth:					0.0 to 10.0		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)								
Lead	.003	U	.003	U	.003	UJ	.003	UJ
MNA Parameters								
Bicarbonate Alkalinity	N/A		N/A		640		660	
Carbonate Alkalinity	N/A		N/A		5	U	5	U
Chloride	N/A		N/A		1100		5800	
Hydroxide Alkalinity	N/A		N/A		5	U	5	U
Methane	N/A		N/A		2.1		2.5	
Nitrate	N/A		N/A		.2	UJ	1	UJ
Sulfate	N/A		N/A		1500		570	
Total Alkalinity	N/A		N/A		640		660	
TPH Extractable Compounds								
Diesel-range Organics	.1	U	.1	U	.48	J	1.3	J
Motor-oil-range Organics	.5	U	.5	U	.5	U	.5	U
TPH Purgeable Compounds								
Gasoline-range Organics	.05	U	.05	U	.24	UJ	.41	J
Volatile Organic Compounds								
1,1,1-Trichloroethane	N/A		N/A		.001	U	.001	U
1,1,2,2-Tetrachloroethane	N/A		N/A		.001	U	.001	U
1,1,2-Trichloroethane	N/A		N/A		.001	U	.001	U
1,1-Dichloroethane	N/A		N/A		.001	U	.001	U
1,1-Dichloroethene	N/A		N/A		.001	U	.001	U
1,2,4-Trimethylbenzene	N/A		N/A		.001	U	.001	U
1,2-Dichloroethane	N/A		N/A		.001	U	.001	U
1,2-Dichloropropane	N/A		N/A		.001	U	.001	U
1,3,5-Trimethylbenzene	N/A		N/A		.001	U	.001	U
Benzene	.0005	U	.0005	U	.0005	U	.002	
Bromodichloromethane	N/A		N/A		.001	U	.001	U
Bromoform	N/A		N/A		.001	U	.001	U
Bromomethane	N/A		N/A		.005	U	.005	U
Carbon Tetrachloride	N/A		N/A		.001	U	.001	U

TC 0030 - 10824

Corrective Action Area 6
Analytical Results
Alameda Point, Alameda, California

Point Type:	MHSD		MHSD		PZ		PZ	
Point Name:	3A		3A		CA06-01		CA06-02	
Sample Identification:	030-CAP-081		030-CAP-404		030-CAP-080		030-CAP-400	
Sample Date:	04-MAY-00		04-MAY-00		03-MAY-00		03-MAY-00	
Sample Depth:					0.0 to 10.0		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds								
Chlorobenzene	.0005	U	.0005	U	.001	U	.001	U
Chloroethane	N/A		N/A		.005	U	.005	U
Chloroform	N/A		N/A		.001	U	.001	U
Chloromethane	N/A		N/A		.005	U	.005	U
Cis-1,2-Dichloroethene	N/A		N/A		.001	U	.001	U
Cis-1,3-Dichloropropene	N/A		N/A		.001	U	.001	U
Dibromochloromethane	N/A		N/A		.001	U	.001	U
Ethylbenzene	.0005	U	.0005	U	.001	U	.001	U
M,P-Xylene	.0005	U	.0005	U	.001	U	.001	U
Methyl Tertiary Butyl Ether	.0005	U	.0005	U	.002	U	.002	U
Methylene Chloride	N/A		N/A		.002	U	.002	U
O-Xylene	.0005	U	.0005	U	.001	U	.001	U
Styrene	N/A		N/A		.001	U	.001	U
Tetrachloroethene	N/A		N/A		.001	U	.001	U
Toluene	.0005	U	.0005	U	.001	U	.001	U
Trans-1,2-Dichloroethene	N/A		N/A		.001	U	.001	U
Trans-1,3-Dichloropropene	N/A		N/A		.001	U	.001	U
Trichloroethene	N/A		N/A		.001	U	.001	U
Vinyl Chloride	N/A		N/A		.0005	U	.0005	U

TC. 0030.10824

CORRECTIVE ACTION AREA 7

Corrective Action Area 7
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		MW		MW		MW		MW		MW		MW		MW	
Point Name:	CA07-01		M07A-01		M07A-03		M07A-03		M07A-04		M07A-08		M07A-09		W-1	
Sample Identification:	030-CAP-082		030-CAP-084		030-CAP-089		030-CAP-362		030-CAP-086		030-CAP-087		030-CAP-088		030-CAP-085	
Sample Date:	25-APR-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00	
Sample Depth:	0.0 to 10.0															
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
MNA Parameters																
Bicarbonate Alkalinity	460		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	5	U	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	830		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	5	U	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methane	1.7		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	.1	U	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	340		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	460		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	.1	UJ	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Motor-oil-range Organics	.5	UJ	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Purgeable Compounds																
Gasoline-range Organics	.16	UJ	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Volatile Organic Compounds																
1,1,1-Trichloroethane	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,1,2,2-Tetrachloroethane	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,1,2-Trichloroethane	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,1-Dichloroethane	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,1-Dichloroethene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,2,4-Trimethylbenzene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,2-Dichloroethane	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,2-Dichloropropane	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
1,3,5-Trimethylbenzene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Benzene	.05	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.005	U
Bromodichloromethane	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Bromoform	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Bromomethane	.5	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.05	U
Carbon Tetrachloride	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U

TC.0030.10824

Corrective Action Area 7
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		MW		MW		MW		MW		MW		MW		MW	
Point Name:	CA07-01		M07A-01		M07A-03		M07A-03		M07A-04		M07A-08		M07A-09		W-1	
Sample Identification:	030-CAP-082		030-CAP-084		030-CAP-089		030-CAP-362		030-CAP-086		030-CAP-087		030-CAP-088		030-CAP-085	
Sample Date:	25-APR-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00	
Sample Depth:	0.0 to 10.0															
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds																
Chlorobenzene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Chloroethane	.5	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.05	U
Chloroform	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Chloromethane	.5	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.05	U
Cis-1,2-Dichloroethene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Cis-1,3-Dichloropropene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Dibromochloromethane	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Ethylbenzene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
M,P-Xylene	.1	U	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methyl Tertiary Butyl Ether	12		.002	U	.002	U	.002	U	.002	U	.0052		.002	U	.75	
Methylene Chloride	.2	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.05	U
O-Xylene	.1	U	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Styrene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Tetrachloroethene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Toluene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Trans-1,2-Dichloroethene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Trans-1,3-Dichloropropene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Trichloroethene	.1	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U
Vinyl Chloride	.05	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.005	U
Xylene (Total)	N/A		.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U

TC.0030.10824

CORRECTIVE ACTION AREA 9

Corrective Action Area 9
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		PZ		GP		GP		GP		GP	
Point Name:	CA09-01		CA09-02		CA09-03		CA09-04		CA09-05		CA09-05		CA09-05	
Sample Identification:	030-CAP-090		030-CAP-091		030-CAP-092		030-CAP-094		030-CAP-095		030-CAP-096		030-CAP-097	
Sample Date:	25-APR-00		25-APR-00		26-APR-00		24-APR-00		24-APR-00		24-APR-00		24-APR-00	
Sample Depth:	0.0 to 8.0		0.0 to 10.0		0.0 to 10.0		6.0 to 8.0		3.5 to 4.0		5.0 to 6.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Inorganic Compounds (Dissolved)														
Lead	.003	U	.003	U	.003	U	.003	UJ	N/A		N/A		.003	UJ
Inorganic Compounds (Total)														
Lead	N/A		N/A		N/A		N/A		13	J	20	J	N/A	
MNA Parameters														
Bicarbonate Alkalinity	180		330		100		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	5	U	15		5	U	N/A		N/A		N/A		N/A	
Chloride	13		23		4.9		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	5	U	5	U	5	U	N/A		N/A		N/A		N/A	
Methane	.021		.0041		.025		N/A		N/A		N/A		N/A	
Nitrate	.53	J	1.6	J	.1	U	N/A		N/A		N/A		N/A	
Sulfate	120		43		18		N/A		N/A		N/A		N/A	
Total Alkalinity	180		350		100		N/A		N/A		N/A		N/A	
TPH Extractable Compounds														
Diesel-range Organics	.1	UJ	.1	UJ	.1	U	.1	U	10	U	10	U	.1	U
JP5-Range Organics	N/A		N/A		N/A		.1	U	10	U	10	U	.1	U
Motor-oil-range Organics	.5	UJ	.5	UJ	.5	U	.5	U	250	U	250	U	.5	U
TPH Purgeable Compounds														
Gasoline-range Organics	.059	UJ	.05	UJ	.05	U	.05	U	.5	U	.5	UJ	.05	U
Volatile Organic Compounds														
1,1,1-Trichloroethane	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
1,1,2,2-Tetrachloroethane	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
1,1,2-Trichloroethane	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
1,1-Dichloroethane	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
1,1-Dichloroethene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
1,2,4-Trimethylbenzene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
1,2-Dichloroethane	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
1,2-Dichloropropane	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
1,3,5-Trimethylbenzene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Benzene	.0005	J	.0005	UJ	.0005	U	.0005	U	.01	U	.01	U	.0005	U

TC • 0030.10824

Corrective Action Area 9
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		PZ		GP		GP		GP		GP	
Point Name:	CA09-01		CA09-02		CA09-03		CA09-04		CA09-05		CA09-05		CA09-05	
Sample Identification:	030-CAP-090		030-CAP-091		030-CAP-092		030-CAP-094		030-CAP-095		030-CAP-096		030-CAP-097	
Sample Date:	25-APR-00		25-APR-00		26-APR-00		24-APR-00		24-APR-00		24-APR-00		24-APR-00	
Sample Depth:	0.0 to 8.0		0.0 to 10.0		0.0 to 10.0		6.0 to 8.0		3.5 to 4.0		5.0 to 6.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Volatile Organic Compounds														
Bromodichloromethane	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Bromoform	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Bromomethane	.005	UJ	.005	UJ	.005	UJ	.005	U	.01	U	.01	U	.005	U
Carbon Tetrachloride	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Chlorobenzene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Chloroethane	.005	UJ	.005	UJ	.005	U	.005	U	.01	U	.01	U	.005	U
Chloroform	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Chloromethane	.005	UJ	.005	UJ	.005	U	.005	U	.01	U	.01	U	.005	U
Cis-1,2-Dichloroethene	.001	UJ	.001	UJ	.026		.001	U	.01	U	.01	U	.001	U
Cis-1,3-Dichloropropene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Dibromochloromethane	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Ethylbenzene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
M,P-Xylene	.0005	J	.001	UJ	.001	U	N/A		N/A		N/A		N/A	
Methyl Tertiary Butyl Ether	.002	UJ	.002	UJ	.002	U	.002	U	.01	U	.01	U	.002	U
Methylene Chloride	.002	UJ	.002	UJ	.002	U	.005	U	.01	U	.01	U	.005	U
O-Xylene	.001	UJ	.001	UJ	.001	U	N/A		N/A		N/A		N/A	
Styrene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Tetrachloroethene	.001	UJ	.001	UJ	.0098		.001	U	.01	U	.01	U	.001	U
Toluene	.001	UJ	.001	UJ	.0007	J	.001	U	.01	U	.01	U	.001	U
Trans-1,2-Dichloroethene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Trans-1,3-Dichloropropene	.001	UJ	.001	UJ	.001	U	.001	U	.01	U	.01	U	.001	U
Trichloroethene	.001	UJ	.001	UJ	.0054		.001	U	.01	U	.01	U	.001	U
Vinyl Chloride	.0005	UJ	.0005	UJ	.021		.0005	U	.01	U	.01	U	.0005	U
Xylene (Total)	N/A		N/A		N/A		.001	U	.01	U	.01	U	.001	U

TC.0030.10824

CORRECTIVE ACTION AREA 10

Corrective Action Area 10
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		GP		GP		GP		GP		GP		GP	
Point Name:	CA10-01		CA10-02		CA10-03		CA10-03		CA10-03		CA10-03		CA10-03		CA10-03	
Sample Identification:	030-CAP-098		030-CAP-099		030-CAP-100		030-CAP-101		030-CAP-118		030-CAP-363		030-CAP-363A		030-CAP-365	
Sample Date:	28-APR-00		28-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		3.0 to 4.0		6.3 to 7.5		3.0 to 8.0		7.5 to 8.0		5.9 to 6.3		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	.003	U	N/A		N/A		.003	U	N/A		N/A		.003	U
Inorganic Compounds (Total)																
Lead	N/A		N/A		11	U	12	U	N/A		N/A		12	U	N/A	
MNA Parameters																
Bicarbonate Alkalinity	160		170		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	5	U	5	U	N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	5.4		10		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	5	U	5	U	N/A		N/A		N/A		N/A		N/A		N/A	
Methane	.86		.0035		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	.1	UJ	.31	J	N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	16		15		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	160		170		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	2.4	J	.1	U	10	U	69		.1	U	44		N/A		.1	U
JP5-Range Organics	N/A		N/A		10	U	51		.1	U	27		N/A		.1	U
Motor-oil-range Organics	.5	U	.5	U	250	U	250	U	.5	U	250	U	N/A		.5	U
TPH Purgeable Compounds																
Gasoline-range Organics	19	J	.05	U	.5	U	3500	J	12		.5	U	N/A		11	
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
1,1,2-Trichloroethane	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
1,1-Dichloroethane	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
1,1-Dichloroethene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
1,2,4-Trimethylbenzene	1.4		.001	U	.01	U	220		.47		.01	U	N/A		.29	
1,2-Dichloroethane	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
1,2-Dichloropropane	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
1,3,5-Trimethylbenzene	.49		.001	U	.01	U	71		.15		.01	U	N/A		.068	
Benzene	.023		.0005	U	.01	U	20	U	.01	U	.01	U	N/A		.01	U

TC 00030.10825

Corrective Action Area 10
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		GP		GP		GP		GP		GP		GP	
Point Name:	CA10-01		CA10-02		CA10-03		CA10-03		CA10-03		CA10-03		CA10-03		CA10-03	
Sample Identification:	030-CAP-098		030-CAP-099		030-CAP-100		030-CAP-101		030-CAP-118		030-CAP-363		030-CAP-363A		030-CAP-365	
Sample Date:	28-APR-00		28-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00		27-APR-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		3.0 to 4.0		6.3 to 7.5		3.0 to 8.0		7.5 to 8.0		5.9 to 6.3		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Bromoform	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Bromomethane	.005	U	.005	U	.01	U	20	U	.1	U	.01	U	N/A		.1	U
Carbon Tetrachloride	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Chlorobenzene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Chloroethane	.005	U	.005	U	.01	U	20	U	.1	U	.01	U	N/A		.1	U
Chloroform	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Chloromethane	.005	U	.005	U	.01	U	20	U	.1	U	.01	U	N/A		.1	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Dibromochloromethane	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Ethylbenzene	1.1		.001	U	.01	U	69		.43		.01	U	N/A		.31	
M,P-Xylene	1.2		.001	U	N/A		N/A		N/A		N/A		N/A		N/A	
Methyl Tertiary Butyl Ether	.002	U	.002	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Methylene Chloride	.002	U	.002	U	.01	U	20	U	.1	U	.01	U	N/A		.1	U
O-Xylene	.19		.001	U	N/A		N/A		N/A		N/A		N/A		N/A	
Styrene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Tetrachloroethene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Toluene	.19		.001	U	.01	U	62		1.6		.01	U	N/A		1.1	
Trans-1,2-Dichloroethene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Trichloroethene	.001	U	.001	U	.01	U	20	U	.02	U	.01	U	N/A		.02	U
Vinyl Chloride	.0005	U	.0005	U	.01	U	20	U	.01	U	.01	U	N/A		.01	U
Xylene (Total)	N/A		N/A		.01	U	520		2.2		.01	U	N/A		1.4	

TC.0030.10824

CORRECTIVE ACTION AREA 11

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		PZ		PZ		PZ		PZ		PZ		PZ	
Point Name:	CA11-01		CA11-02		CA11-03		CA11-04		CA11-05		CA11-06		CA11-07		CA11-08	
Sample Identification:	030-CAP-127		030-CAP-128		030-CAP-129		030-CAP-130		030-CAP-131		030-CAP-132		030-CAP-133		030-CAP-134	
Sample Date:	02-MAY-00		02-MAY-00		02-MAY-00		02-MAY-00		02-MAY-00		08-MAY-00		08-MAY-00		09-MAY-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	.003	U	.003	U	.003	U	.003	U	.003	U	.003	U	.003	U
Inorganic Compounds (Total)																
Lead	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
MNA Parameters																
Bicarbonate Alkalinity	310		190		530		250		260		300		250		290	
Carbonate Alkalinity	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Chloride	9.6		8.8		130		130		15		18		25		30	
Hydroxide Alkalinity	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methane	1.5	J	.0005	UJ	2.6	J	.0005	UJ	.035	J	.0065	J	.7	J	.21	J
Nitrate	.1	UJ	.71	J	.1	UJ	.65	J	.17	J	.1	U	.1	U	.88	
Sulfate	68		88		83		83		130		23		35		34	
Total Alkalinity	310		190		530		250		260		300		250		290	
TPH Extractable Compounds																
Diesel-range Organics	.1	U	.1	U	2.7	J	.1	U	.1	U	.1	U	.1	U	.1	U
JP5-Range Organics	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Motor-oil-range Organics	.5	U	.5	U	.5	U	.5	U	.5	U	.5	U	.5	U	.5	U
TPH Purgeable Compounds																
Gasoline-range Organics	.05	U	.05	U	2.6	J	.05	U	.05	U	.12	UJ	.14	UJ	.05	U
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,2,4-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.0017		.001	U
1,2-Dichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,2-Dichloropropane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Benzene	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U

TC.0030.10824

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		PZ		PZ		PZ		PZ		GP		GP	
Point Name:	CA11-09		CA11-09		CA11-10		CA11-11		CA11-12		CA11-13		CA11-14		CA11-14	
Sample Identification:	030-CAP-138		030-CAP-366		030-CAP-136		030-CAP-137		030-CAP-135		030-CAP-139		030-CAP-141		030-CAP-142	
Sample Date:	02-MAY-00		02-MAY-00		02-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		28-APR-00		28-APR-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		3.0 to 4.0		6.0 to 7.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	.003	U	.003	U	.003	UJ	.003	UJ	.003	UJ	N/A		N/A	
Inorganic Compounds (Total)																
Lead	N/A		N/A		N/A		N/A		N/A		N/A		11	U	12	U
MNA Parameters																
Bicarbonate Alkalinity	350		350		560		250		250		310		N/A		N/A	
Carbonate Alkalinity	7.7		5	U	5	U	5	U	5	U	5	U	N/A		N/A	
Chloride	11		11		76		16		29		360		N/A		N/A	
Hydroxide Alkalinity	5	U	5	U	5	U	5	U	5	U	5	U	N/A		N/A	
Methane	4.9		5		.026	J	.66		2.8		.72		N/A		N/A	
Nitrate	.1	UJ	.1	UJ	.1	UJ	.1	UJ	.1	UJ	1.8	J	N/A		N/A	
Sulfate	21		21		430		78		11		61		N/A		N/A	
Total Alkalinity	350		350		560		250		250		310		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	.1	U	.1	U	.1	U	.1	U	1.7	J	.1	U	10	U	15	
JP5-Range Organics	N/A		N/A		N/A		N/A		N/A		N/A		10	U	10	U
Motor-oil-range Organics	.5	U	.5	U	.5	U	.5	U	1.3		.5	U	250	U	250	U
TPH Purgeable Compounds																
Gasoline-range Organics	.05	U	.05	U	.05	U	.05	U	.05	U	.05	U	.5	U	.5	U
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
1,1,2-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
1,1-Dichloroethane	.001	U	.001	U	.001	U	.001	J	.001	U	.001	U	.01	U	.01	U
1,1-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
1,2,4-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
1,2-Dichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
1,2-Dichloropropane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Benzene	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.01	U	.01	U

TC . 0030 . 108 2 4

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA11-14		CA11-15		CA11-15		CA11-15		CA11-16		CA11-16		CA11-16		CA11-16	
Sample Identification:	030-CAP-151		030-CAP-143		030-CAP-144		030-CAP-152		030-CAP-145		030-CAP-146		030-CAP-153		030-CAP-368	
Sample Date:	28-APR-00		28-APR-00		28-APR-00		28-APR-00		02-MAY-00		02-MAY-00		02-MAY-00		02-MAY-00	
Sample Depth:	3.0 to 8.0		3.0 to 4.0		7.0 to 8.0		3.0 to 8.0		2.0 to 3.0		6.0 to 7.0		3.0 to 8.0		3.0 to 4.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	N/A		N/A		.003	U	N/A		N/A		.003	U	N/A	
Inorganic Compounds (Total)																
Lead	N/A		10	U	33		N/A		10	U	12	U	N/A		12	U
MNA Parameters																
Bicarbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	.34		10	U	10	U	.1	U	10	U	10	U	5		10	U
JP5-Range Organics	.1	U	10	U	10	U	.1	U	10	U	10	U	55		10	U
Motor-oil-range Organics	16		250	U	250	U	.5	U	250	U	250	U	2.5	U	250	U
TPH Purgeable Compounds																
Gasoline-range Organics	.05	U	.5	UJ	.5	U	.05	U	.5	U	.5	U	.36		.5	U
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1,2,2-Tetrachloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1,2-Trichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1-Dichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2,4-Trimethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2-Dichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2-Dichloropropane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,3,5-Trimethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Benzene	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.0005	U	.01	U

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA11-16		CA11-17		CA11-17		CA11-17		CA11-20		CA11-21		CA11-22		CA11-23	
Sample Identification:	030-CAP-369		030-CAP-149		030-CAP-150		030-CAP-155		030-CAP-166		030-CAP-167		030-CAP-168		030-CAP-169	
Sample Date:	02-MAY-00		02-MAY-00		02-MAY-00		02-MAY-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00	
Sample Depth:	3.0 to 8.0		3.0 to 4.0		6.0 to 7.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	N/A		N/A		.003	U	.034		.018		.0098		.003	U
Inorganic Compounds (Total)																
Lead	N/A		19		12	U	N/A		N/A		N/A		N/A		N/A	
MNA Parameters																
Bicarbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	3.6		10	U	10	U	.1	U	.29		.1	U	.1	U	.1	U
JP5-Range Organics	37		10	U	10	U	.1	U	.1		.1	U	.1	U	.1	U
Motor-oil-range Organics	2.5	U	250	U	250	U	.5	U	.5	U	.5	U	.5	U	.5	U
TPH Purgeable Compounds																
Gasoline-range Organics	2.3		.5	U	.5	UJ	.05	U	9		4.6		36		5	J
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethane	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,2,4-Trimethylbenzene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,2-Dichloroethane	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,2-Dichloropropane	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
1,3,5-Trimethylbenzene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Benzene	.0005	U	.01	U	.01	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP	
Point Name:	CA11-24		CA11-25	
Sample Identification:	030-CAP-170		030-CAP-171	
Sample Date:	28-APR-00		28-APR-00	
Sample Depth:	3.0 to 8.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)				
Lead	.012		.003	U
Inorganic Compounds (Total)				
Lead	N/A		N/A	
MNA Parameters				
Bicarbonate Alkalinity	N/A		N/A	
Carbonate Alkalinity	N/A		N/A	
Chloride	N/A		N/A	
Hydroxide Alkalinity	N/A		N/A	
Methane	N/A		N/A	
Nitrate	N/A		N/A	
Sulfate	N/A		N/A	
Total Alkalinity	N/A		N/A	
TPH Extractable Compounds				
Diesel-range Organics	.1	U	.1	U
JP5-Range Organics	.1	U	.1	U
Motor-oil-range Organics	.5	U	.5	U
TPH Purgeable Compounds				
Gasoline-range Organics	32	J	.05	U
Volatile Organic Compounds				
1,1,1-Trichloroethane	.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U
1,1-Dichloroethane	.001	U	.001	U
1,1-Dichloroethene	.001	U	.001	U
1,2,4-Trimethylbenzene	.001	U	.0033	
1,2-Dichloroethane	.001	U	.001	U
1,2-Dichloropropane	.001	U	.001	U
1,3,5-Trimethylbenzene	.001	U	.0016	
Benzene	.0005	U	.0005	U

TC.0030.10826

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		PZ		PZ		PZ		PZ		PZ		PZ	
Point Name:	CA11-01		CA11-02		CA11-03		CA11-04		CA11-05		CA11-06		CA11-07		CA11-08	
Sample Identification:	030-CAP-127		030-CAP-128		030-CAP-129		030-CAP-130		030-CAP-131		030-CAP-132		030-CAP-133		030-CAP-134	
Sample Date:	02-MAY-00		02-MAY-00		02-MAY-00		02-MAY-00		02-MAY-00		08-MAY-00		08-MAY-00		09-MAY-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Bromoform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Bromomethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Carbon Tetrachloride	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chlorobenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chloroethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Chloroform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chloromethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.003	
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Ethylbenzene	.001	U	.001	U	.0066		.001	U	.001	U	.001	U	.001	U	.001	U
M,P-Xylene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Methyl Tertiary Butyl Ether	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U
Methylene Chloride	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U
O-Xylene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Styrene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Tetrachloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Toluene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.0006	J
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trans-1,4-Dichloro-2-Butene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U
Vinyl Chloride	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0023	
Xylene (Total)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	PZ		PZ		PZ		PZ		PZ		PZ		GP		GP	
Point Name:	CA11-09		CA11-09		CA11-10		CA11-11		CA11-12		CA11-13		CA11-14		CA11-14	
Sample Identification:	030-CAP-138		030-CAP-366		030-CAP-136		030-CAP-137		030-CAP-135		030-CAP-139		030-CAP-141		030-CAP-142	
Sample Date:	02-MAY-00		02-MAY-00		02-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		28-APR-00		28-APR-00	
Sample Depth:	0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		3.0 to 4.0		6.0 to 7.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)	
Volatile Organic Compounds																
Bromodichloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Bromoform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Bromomethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.01	U	.01	U
Carbon Tetrachloride	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Chlorobenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Chloroethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.01	U	.01	U
Chloroform	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Chloromethane	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.01	U	.01	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Dibromochloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Ethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
M,P-Xylene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	N/A		N/A	
Methyl Tertiary Butyl Ether	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.01	U	.01	U
Methylene Chloride	.002	U	.002	U	.002	U	.002	U	.002	U	.002	U	.01	U	.01	U
O-Xylene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	N/A		N/A	
Styrene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Tetrachloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Toluene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Trans-1,4-Dichloro-2-Butene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U
Vinyl Chloride	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.01	U	.01	U
Xylene (Total)	N/A		N/A		N/A		N/A		N/A		N/A		.01	U	.01	U

TC.0030.10824

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA11-14		CA11-15		CA11-15		CA11-15		CA11-16		CA11-16		CA11-16		CA11-16	
Sample Identification:	030-CAP-151		030-CAP-143		030-CAP-144		030-CAP-152		030-CAP-145		030-CAP-146		030-CAP-153		030-CAP-368	
Sample Date:	28-APR-00		28-APR-00		28-APR-00		28-APR-00		02-MAY-00		02-MAY-00		02-MAY-00		02-MAY-00	
Sample Depth:	3.0 to 8.0		3.0 to 4.0		7.0 to 8.0		3.0 to 8.0		2.0 to 3.0		6.0 to 7.0		3.0 to 8.0		3.0 to 4.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Volatile Organic Compounds																
Bromodichloromethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Bromoform	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Bromomethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Carbon Tetrachloride	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chlorobenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chloroethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Chloroform	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chloromethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Cis-1,2-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Cis-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Dibromochloromethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Ethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
M,P-Xylene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methyl Tertiary Butyl Ether	.002	U	.01	U	.01	U	.002	U	.01	U	.01	U	.002	U	.01	U
Methylene Chloride	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
O-Xylene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Styrene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Tetrachloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Toluene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Trans-1,2-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Trans-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Trans-1,4-Dichloro-2-Butene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Vinyl Chloride	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.0005	U	.01	U
Xylene (Total)	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U

TC.0030.10824

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA11-16		CA11-17		CA11-17		CA11-17		CA11-20		CA11-21		CA11-22		CA11-23	
Sample Identification:	030-CAP-369		030-CAP-149		030-CAP-150		030-CAP-155		030-CAP-166		030-CAP-167		030-CAP-168		030-CAP-169	
Sample Date:	02-MAY-00		02-MAY-00		02-MAY-00		02-MAY-00		28-APR-00		28-APR-00		28-APR-00		28-APR-00	
Sample Depth:	3.0 to 8.0		3.0 to 4.0		6.0 to 7.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Bromoform	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Bromomethane	.005	U	.01	U	.01	U	.005	U	.005	U	.005	U	.005	U	.005	U
Carbon Tetrachloride	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chlorobenzene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chloroethane	.005	U	.01	U	.01	U	.005	U	.005	U	.005	U	.005	U	.005	U
Chloroform	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Chloromethane	.005	U	.01	U	.01	U	.005	U	.005	U	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.01	U	.01	U	.0021		.001	U	.001	U	.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Dibromochloromethane	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Ethylbenzene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
M,P-Xylene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methyl Tertiary Butyl Ether	.002	U	.01	U	.01	U	.002	U	.002	U	.002	U	.002	U	.002	U
Methylene Chloride	.005	U	.01	U	.01	U	.005	U	.005	U	.005	U	.005	U	.005	U
O-Xylene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Styrene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Tetrachloroethene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Toluene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trans-1,2-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trans-1,4-Dichloro-2-Butene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trichloroethene	.001	U	.01	U	.01	U	.0012	UJ	.001	U	.001	U	.001	U	.001	U
Vinyl Chloride	.0005	U	.01	U	.01	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U
Xylene (Total)	.001	U	.01	U	.01	U	.001	U	.001	U	.001	U	.001	U	.001	U

TC.0030.10822

Corrective Action Area 11
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP	
Point Name:	CA11-24		CA11-25	
Sample Identification:	030-CAP-170		030-CAP-171	
Sample Date:	28-APR-00		28-APR-00	
Sample Depth:	3.0 to 8.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds				
Bromodichloromethane	.001	U	.001	U
Bromoform	.001	U	.001	U
Bromomethane	.005	U	.005	U
Carbon Tetrachloride	.001	U	.001	U
Chlorobenzene	.001	U	.001	U
Chloroethane	.005	U	.005	U
Chloroform	.001	U	.001	U
Chloromethane	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U
Ethylbenzene	N/A		.001	U
M,P-Xylene	N/A		N/A	
Methyl Tertiary Butyl Ether	.002	U	.002	U
Methylene Chloride	.005	U	.005	U
O-Xylene	N/A		N/A	
Styrene	.001	U	.001	U
Tetrachloroethene	.001	U	.001	U
Toluene	.001	U	.001	U
Trans-1,2-Dichloroethene	.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U
Trans-1,4-Dichloro-2-Butene	.001	U	N/A	
Trichloroethene	.001	U	.001	U
Vinyl Chloride	.0005	U	.0005	U
Xylene (Total)	.001	U	.0023	

TC.0030.10824

CORRECTIVE ACTION AREA 12

Corrective Action Area 12
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP	
Point Name:	CA12-01	
Sample Identification:	030-CAP-186	
Sample Date:	08-MAY-00	
Sample Depth:	3.0 to 8.0	
Sample Media (Units):	Water (mg/L)	
Inorganic Compounds (Dissolved)		
Lead	.003	U
TPH Extractable Compounds		
Diesel-range Organics	.1	U
JP5-Range Organics	.1	U
Motor-oil-range Organics	.5	U
TPH Purgeable Compounds		
Gasoline-range Organics	.05	U
Volatile Organic Compounds		
1,1,1-Trichloroethane	.0033	
1,1,2,2-Tetrachloroethane	.001	U
1,1,2-Trichloroethane	.001	U
1,1-Dichloroethane	.018	
1,1-Dichloroethene	.001	U
1,2,4-Trimethylbenzene	.001	U
1,2-Dichloroethane	.001	U
1,2-Dichloropropane	.001	U
1,3,5-Trimethylbenzene	.001	U
Benzene	.0005	U
Bromodichloromethane	.001	U
Bromoform	.001	U
Bromomethane	.005	U
Carbon Tetrachloride	.001	U
Chlorobenzene	.001	U
Chloroethane	.005	U
Chloroform	.001	U
Chloromethane	.005	U
Cis-1,2-Dichloroethene	.001	U
Cis-1,3-Dichloropropene	.001	U
Dibromochloromethane	.001	U
Ethylbenzene	.001	U
Methyl Tertiary Butyl Ether	.002	U

TC.0030.10020

Corrective Action Area 12
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP
Point Name:	CA12-01
Sample Identification:	030-CAP-186
Sample Date:	08-MAY-00
Sample Depth:	3.0 to 8.0
Sample Media (Units):	Water (mg/L)

Volatile Organic Compounds		
Methylene Chloride	.005	U
Styrene	.001	U
Tetrachloroethene	.001	U
Toluene	.001	U
Trans-1,2-Dichloroethene	.001	U
Trans-1,3-Dichloropropene	.001	U
Trichloroethene	.001	U
Vinyl Chloride	.0005	U
Xylene (Total)	.001	U

TC.0030.10824

CORRECTIVE ACTION AREA 13

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	MHSD		MHSD		PZ		PZ		PZ		PZ		PZ		PZ	
Point Name:	5-JF		5-JF		CA13-01		CA13-02		CA13-04		CA13-04		CA13-05		CA13-05	
Sample Identification:	030-CAP-191		030-CAP-375		030-CAP-187		030-CAP-188		030-CAP-189		030-CAP-374		030-CAP-423		030-CAP-423A	
Sample Date:	03-MAY-00		03-MAY-00		27-APR-00		11-MAY-00		15-JUN-00		15-JUN-00		15-JUN-00		16-JUN-00	
Sample Depth:					0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	.003	UJ	.003	UJ	.003	U	.003	U	.003	U	.0095		N/A		.003	U
Inorganic Compounds (Total)																
Lead	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
MNA Parameters																
Bicarbonate Alkalinity	N/A		N/A		2400		1100		870		1400		890		N/A	
Carbonate Alkalinity	N/A		N/A		5	U	5	U	5	U	5	U	5	U	N/A	
Chloride	N/A		N/A		300		840		25		26		19		N/A	
Hydroxide Alkalinity	N/A		N/A		5	U	5	U	5	U	5	U	5	U	N/A	
Methane	N/A		N/A		4.2	J	.042	J	3.9		.53		N/A		2.4	
Nitrate	N/A		N/A		.5	UJ	.1	U	.05	U	.05	U	.05	U	N/A	
Sulfate	N/A		N/A		2.5	U	24		1.6		1.3		27		N/A	
Total Alkalinity	N/A		N/A		2400		1100		870		1400		890		N/A	
TPH Extractable Compounds																
Diesel-range Organics	.1	U	.1	U	.6	J	1.1	J	5.6	J	5.8	J	N/A		.44	J
JP5-Range Organics	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Motor-oil-range Organics	.5	U	.5	U	.5	U	.5	U	.52		.52		N/A		.5	U
TPH Purgeable Compounds																
Gasoline-range Organics	.057	UJ	.056	UJ	3.1	J	.38	J	.76	J	6	J	.93	J	N/A	
Volatile Organic Compounds																
1,1,1-Trichloroethane	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
1,1,2,2-Tetrachloroethane	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
1,1,2-Trichloroethane	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
1,1-Dichloroethane	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
1,1-Dichloroethene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
1,2,4-Trimethylbenzene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.015		N/A	
1,2-Dichloroethane	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
1,2-Dichloropropane	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
1,3,5-Trimethylbenzene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.0017		N/A	
Benzene	.0005	U	.0005	U	.0005	U	.0005	U	.0005		.0005		.0005	U	N/A	

TC . 0030 . 10894

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-07		CA13-07		CA13-08		CA13-08		CA13-09		CA13-10		CA13-10		CA13-10	
Sample Identification:	030-CAP-200		030-CAP-376		030-CAP-200A		030-CAP-376A		030-CAP-201		030-CAP-202		030-CAP-203		030-CAP-204	
Sample Date:	26-APR-00		26-APR-00		02-MAY-00		02-MAY-00		26-APR-00		15-JUN-00		15-JUN-00		15-JUN-00	
Sample Depth:	3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		4.0 to 4.5		6.5 to 7.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	.003	U	.003	U	.003	U	.003	U	N/A		N/A		.003	U
Inorganic Compounds (Total)																
Lead	N/A		N/A		N/A		N/A		N/A		11	U	12	U	N/A	
MNA Parameters																
Bicarbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	.1	U	2.3		22	J	12		.1	U	7.7	J	1.2	U	.1	U
JP5-Range Organics	1.2		14		87	J	44		.1	U	N/A		N/A		N/A	
Motor-oil-range Organics	.5	U	10		130	J	49		.5	U	54		12	U	.5	U
TPH Purgeable Compounds																
Gasoline-range Organics	.91		.69		.8		.93		.05	U	.58	U	.61	U	.056	UJ
Volatile Organic Compounds																
1,1,1-Trichloroethane	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
1,1,2,2-Tetrachloroethane	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
1,1,2-Trichloroethane	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
1,1-Dichloroethane	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
1,1-Dichloroethene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
1,2,4-Trimethylbenzene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
1,2-Dichloroethane	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
1,2-Dichloropropane	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
1,3,5-Trimethylbenzene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Benzene	.043		.033		.043		.045		.0005	U	.011	U	.012	U	.0005	U

TC.0030.10824

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP	GP	GP	GP	GP	GP	GP	GP
Point Name:	CA13-10	CA13-11	CA13-11	CA13-11	CA13-11	CA13-12	CA13-12	CA13-12
Sample Identification:	030-CAP-377	030-CAP-205	030-CAP-206	030-CAP-225	030-CAP-379	030-CAP-207	030-CAP-208	030-CAP-226
Sample Date:	15-JUN-00	09-MAY-00	09-MAY-00	09-MAY-00	09-MAY-00	09-MAY-00	09-MAY-00	09-MAY-00
Sample Depth:	3.0 to 8.0	3.0 to 4.0	7.0 to 8.0	0.0 to 10.0	0.0 to 10.0	3.0 to 4.0	4.5 to 5.3	0.0 to 10.0
Sample Media (Units):	Water (mg/L)	Soil (mg/kg)	Soil (mg/kg)	Water (mg/L)	Water (mg/L)	Soil (mg/kg)	Soil (mg/kg)	Water (mg/L)
Inorganic Compounds (Dissolved)								
Lead	.003 U	N/A	N/A	.003 U	.008	N/A	N/A	.003 U
Inorganic Compounds (Total)								
Lead	N/A	42	11 U	N/A	N/A	11 U	75	N/A
MNA Parameters								
Bicarbonate Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbonate Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydroxide Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulfate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TPH Extractable Compounds								
Diesel-range Organics	.1 U	850	10 U	.42	.52	10 U	1100	1.5
JP5-Range Organics	N/A	80	10 U	.39	.39	10 U	170	1.4
Motor-oil-range Organics	.5 U	10000	250 U	92	82	250 U	5700	16
TPH Purgeable Compounds								
Gasoline-range Organics	.05 U	1.3	40 J	.94	1	.5 U	9.1 J	8.2
Volatile Organic Compounds								
1,1,1-Trichloroethane	.001 U	.01 U	.01 U	.001 U	.02 U	.01 U	.01 U	.02 U
1,1,2,2-Tetrachloroethane	.001 U	.01 U	.01 U	.001 U	.02 U	.01 U	.01 U	.02 U
1,1,2-Trichloroethane	.001 U	.01 U	.01 U	.001 U	.02 U	.01 U	.01 U	.02 U
1,1-Dichloroethane	.001 U	.01 U	.01 U	.001 U	.02 U	.01 U	.01 U	.02 U
1,1-Dichloroethene	.001 U	.01 U	.01 U	.001 U	.02 U	.01 U	.01 U	.02 U
1,2,4-Trimethylbenzene	.001 U	.088	.18	.0089	.0092	.01 U	.14	.04
1,2-Dichloroethane	.001 U	.01 U	.01 U	.001 U	.02 U	.01 U	.01 U	.02 U
1,2-Dichloropropane	.001 U	.01 U	.01 U	.001 U	.02 U	.01 U	.01 U	.02 U
1,3,5-Trimethylbenzene	.001 U	.12	.077	.012	.012	.01 U	.046	.016
Benzene	.0005 U	.088	.01 U	.12	.11	.01 U	.29	1.1

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-12		CA13-13		CA13-13		CA13-13		CA13-14		CA13-14		CA13-14		CA13-15	
Sample Identification:	030-CAP-378		030-CAP-209		030-CAP-210		030-CAP-227		030-CAP-211		030-CAP-212		030-CAP-228		030-CAP-213	
Sample Date:	09-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00	
Sample Depth:	4.0 to 4.5		2.8 to 3.8		4.5 to 5.5		2.5 to 7.5		3.0 to 4.0		7.5 to 8.0		3.0 to 8.0		4.0 to 5.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	N/A		N/A		N/A		.0035	J	N/A		N/A		.003	U	N/A	
Inorganic Compounds (Total)																
Lead	140		12	UJ	12	UJ	N/A		11	U	12	U	N/A		280	
MNA Parameters																
Bicarbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	10	U	10	U	390	J	2.8		10	U	10	U	3.9		1800	
JP5-Range Organics	10	U	10	U	82	J	.62		10	U	10	U	.66		720	
Motor-oil-range Organics	250	U	250	U	2600	J	20		250	U	250	U	2.4		10000	
TPH Purgeable Compounds																
Gasoline-range Organics	.5	U	.5	UJ	.5	U	1.2		.5	U	.5	U	.05	U	22	
Volatile Organic Compounds																
1,1,1-Trichloroethane	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
1,1,2,2-Tetrachloroethane	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
1,1,2-Trichloroethane	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
1,1-Dichloroethane	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
1,1-Dichloroethene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
1,2,4-Trimethylbenzene	.01	U	.01	U	.065		.0097		.01	U	.01	U	.0057		7.7	
1,2-Dichloroethane	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
1,2-Dichloropropane	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
1,3,5-Trimethylbenzene	.01	U	.01	U	.015		.0054		.01	U	.01	U	.001	U	.66	
Benzene	.01	U	.01	U	.01	U	.22		.01	U	.01	U	.0014		.23	

TC . 0030 . 10824

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-15		CA13-15		CA13-16		CA13-16		CA13-16		CA13-17		CA13-17		CA13-17	
Sample Identification:	030-CAP-214		030-CAP-229		030-CAP-215		030-CAP-216		030-CAP-230		030-CAP-217		030-CAP-218		030-CAP-231	
Sample Date:	11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		14-JUN-00		14-JUN-00		14-JUN-00	
Sample Depth:	3.0 to 4.0		3.0 to 8.0		1.5 to 2.5		4.0 to 5.0		3.0 to 8.0		3.0 to 3.5		4.0 to 4.5		3.0 to 8.0	
Sample Media (Units):	Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	N/A		.023		N/A		N/A		.086		N/A		N/A		.003	U
Inorganic Compounds (Total)																
Lead	99		N/A		74		62		N/A		54		94		N/A	
MNA Parameters																
Bicarbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	480		7.1		380		120		.62		36000		18000		31	
JP5-Range Organics	140		1.3		14		24		.41		N/A		N/A		N/A	
Motor-oil-range Organics	6500		88		2300		2300		7.7		30000		23000		34	
TPH Purgeable Compounds																
Gasoline-range Organics	11	J	4.5		.5	U	.5	UJ	1.7		2.9	J	200	J	2.3	
Volatile Organic Compounds																
1,1,1-Trichloroethane	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
1,1,2,2-Tetrachloroethane	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
1,1,2-Trichloroethane	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
1,1-Dichloroethane	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
1,1-Dichloroethene	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
1,2,4-Trimethylbenzene	2.1		.025		.01	U	.021		.01	U	N/A		N/A		N/A	
1,2-Dichloroethane	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
1,2-Dichloropropane	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
1,3,5-Trimethylbenzene	.19		.02	U	.01	U	.053		.01	U	N/A		N/A		N/A	
Benzene	.062		1.1		.01	U	.033		.23		.043		.0071	J	1.4	

TC.0030.10824

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-18		CA13-18		CA13-18		CA13-19		CA13-19		CA13-19		CA13-20		CA13-20	
Sample Identification:	030-CAP-219		030-CAP-220		030-CAP-232		030-CAP-221		030-CAP-222		030-CAP-233		030-CAP-223		030-CAP-224	
Sample Date:	14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00	
Sample Depth:	3.0 to 3.5		4.0 to 4.5		3.0 to 8.0		3.0 to 3.5		4.0 to 4.5		3.0 to 8.0		3.0 to 3.5		6.5 to 7.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	N/A		N/A		.003	U	N/A		N/A		.003	U	N/A		N/A	
Inorganic Compounds (Total)																
Lead	5		3.2		N/A		1.2		8.1		N/A		55		2.5	
MNA Parameters																
Bicarbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds																
Diesel-range Organics	400	J	270	J	.45		1.1	U	33	J	.32		20000		120	
JP5-Range Organics	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Motor-oil-range Organics	690		460		.55		11	U	100		.5	U	16000		120	
TPH Purgeable Compounds																
Gasoline-range Organics	1.1	U	1.2	U	.11	UJ	1.1	U	1.2	U	.05	U	2.5	J	26	J
Volatile Organic Compounds																
1,1,1-Trichloroethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
1,1,2,2-Tetrachloroethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
1,1,2-Trichloroethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
1,1-Dichloroethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
1,1-Dichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
1,2,4-Trimethylbenzene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
1,2-Dichloroethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
1,2-Dichloropropane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
1,3,5-Trimethylbenzene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Benzene	.011	U	.012	U	.0005	U	.011	U	.011	U	.0005	U	.098	J	.061	U

TC 0030.1082

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP	GP	GP	GP	GP	GP	GP	GP
Point Name:	CA13-20	CA13-21	CA13-21	CA13-21	CA13-22	CA13-22	CA13-22	CA13-23
Sample Identification:	030-CAP-234	030-CAP-411	030-CAP-412	030-CAP-413	030-CAP-414	030-CAP-415	030-CAP-416	030-CAP-417
Sample Date:	14-JUN-00	14-JUN-00	14-JUN-00	14-JUN-00	14-JUN-00	14-JUN-00	15-JUN-00	15-JUN-00
Sample Depth:	3.0 to 8.0	3.5 to 4.0	5.5 to 6.0	3.0 to 8.0	4.0 to 4.5	7.5 to 8.0	3.0 to 8.0	3.5 to 4.0
Sample Media (Units):	Water (mg/L)	Soil (mg/kg)	Soil (mg/kg)	Water (mg/L)	Soil (mg/kg)	Soil (mg/kg)	Water (mg/L)	Soil (mg/kg)
Inorganic Compounds (Dissolved)								
Lead	.077	N/A	N/A	.003 U	N/A	N/A	.003 U	N/A
Inorganic Compounds (Total)								
Lead	N/A	74	3.1	N/A	5.6	2.6	N/A	12 U
MNA Parameters								
Bicarbonate Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbonate Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydroxide Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulfate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TPH Extractable Compounds								
Diesel-range Organics	44	30000	7400	10	18000	13000	510	1200
JP5-Range Organics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Motor-oil-range Organics	32	27000	6100	8.4	20000	14000	570	920
TPH Purgeable Compounds								
Gasoline-range Organics	1.1 J	1300 J	1400 J	.26 UJ	83 J	27 J	11	750 J
Volatile Organic Compounds								
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	.11	.052 U	.012 U	.0025 U	.056 J	.012 U	.026	.12

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP	GP	GP	GP	GP	GP	GP	GP
Point Name:	CA13-23	CA13-23	CA13-24	CA13-24	CA13-24	CA13-25	CA13-25	CA13-25
Sample Identification:	030-CAP-418	030-CAP-419	030-CAP-420	030-CAP-421	030-CAP-422	030-CAP-424	030-CAP-425	030-CAP-426
Sample Date:	15-JUN-00	15-JUN-00	15-JUN-00	15-JUN-00	15-JUN-00	14-JUN-00	14-JUN-00	14-JUN-00
Sample Depth:	5.0 to 6.5	3.0 to 8.0	2.5 to 3.0	4.0 to 4.5	3.0 to 8.0	3.5 to 4.0	4.5 to 5.0	3.0 to 8.0
Sample Media (Units):	Soil (mg/kg)	Water (mg/L)	Soil (mg/kg)	Soil (mg/kg)	Water (mg/L)	Soil (mg/kg)	Soil (mg/kg)	Water (mg/L)
Inorganic Compounds (Dissolved)								
Lead	N/A	.003 U	N/A	N/A	.003 U	N/A	N/A	.003 U
Inorganic Compounds (Total)								
Lead	15	N/A	11 U	11 U	N/A	1.9	3.7	N/A
MNA Parameters								
Bicarbonate Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbonate Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydroxide Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sulfate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TPH Extractable Compounds								
Diesel-range Organics	3300	1.2	1.1 U	130	6.6	4.7 J	11 J	5.7
JP5-Range Organics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Motor-oil-range Organics	3000	.5 U	11 U	130	3.1	12 U	18	6.2
TPH Purgeable Compounds								
Gasoline-range Organics	23 J	5.7 J	.53 U	.53 U	72 J	1.2 U	1.2 U	1.5 J
Volatile Organic Compounds								
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	.023 U	.024	.011 U	.011 U	.0028 U	.011 U	.012 U	.011

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		MW		MW		MW		MW	
Point Name:	CA13-26		CA13-26		CA13-26		M10B-01		M13-07		MW-1		MW530-1	
Sample Identification:	030-CAP-427		030-CAP-428		030-CAP-429		030-CAP-198		030-CAP-199		030-CAP-196		030-CAP-197	
Sample Date:	21-JUN-00		21-JUN-00		21-JUN-00		25-APR-00		25-APR-00		25-APR-00		26-APR-00	
Sample Depth:	3.5 to 4.5		6.5 to 7.0		3.0 to 8.0									
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)														
Lead	N/A		N/A		.003	U	.003	U	.003	U	.003	U	.0035	
Inorganic Compounds (Total)														
Lead	11	U	21	U	N/A		N/A		N/A		N/A		N/A	
MNA Parameters														
Bicarbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbonate Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Hydroxide Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methane	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Nitrate	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Sulfate	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Total Alkalinity	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
TPH Extractable Compounds														
Diesel-range Organics	280	J	210	J	8.9	J	.1	UJ	.1	U	.1	U	.16	
JP5-Range Organics	N/A		N/A		N/A		.1	UJ	.16		.1	U	.12	
Motor-oil-range Organics	11	U	22	U	.5	U	.5	UJ	.5	U	.5	U	1.2	
TPH Purgeable Compounds														
Gasoline-range Organics	380	J	1100	J	8.6	J	.05	U	.05	U	.05	U	.1	
Volatile Organic Compounds														
1,1,1-Trichloroethane	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
1,1,2,2-Tetrachloroethane	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
1,1,2-Trichloroethane	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethane	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
1,2,4-Trimethylbenzene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.0041	
1,2-Dichloroethane	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
1,2-Dichloropropane	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
1,3,5-Trimethylbenzene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Benzene	.012	U	.022	U	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U

TC.0030.10683

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	MHSD		MHSD		PZ		PZ		PZ		PZ		PZ		PZ	
Point Name:	5-JF		5-JF		CA13-01		CA13-02		CA13-04		CA13-04		CA13-05		CA13-05	
Sample Identification:	030-CAP-191		030-CAP-375		030-CAP-187		030-CAP-188		030-CAP-189		030-CAP-374		030-CAP-423		030-CAP-423A	
Sample Date:	03-MAY-00		03-MAY-00		27-APR-00		11-MAY-00		15-JUN-00		15-JUN-00		15-JUN-00		16-JUN-00	
Sample Depth:					0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Bromoform	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Bromomethane	N/A		N/A		.005	U	.005	U	.005	U	.005	U	.005	U	N/A	
Carbon Tetrachloride	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Chlorobenzene	.0015		.0016		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Chloroethane	N/A		N/A		.005	UJ	.005	U	.005	U	.005	U	.005	U	N/A	
Chloroform	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Chloromethane	N/A		N/A		.005	U	.005	U	.005	U	.005	U	.005	U	N/A	
Cis-1,2-Dichloroethene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Cis-1,3-Dichloropropene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Dibromochloromethane	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Ethylbenzene	.0005	U	.0005	U	.001	U	.0011		.001	U	.001	U	.0008	J	N/A	
M,P-Xylene	.0006		.0007		.0005	J	.001	U	.001	U	.001	U	.0021		N/A	
Methyl Tertiary Butyl Ether	.0005	U	.0005	U	.002	UJ	.002	U	.002	U	.002	U	.002	U	N/A	
Methylene Chloride	N/A		N/A		.0022	UJ	.002	U	.002	U	.002	U	.002	U	N/A	
O-Xylene	.0005	U	.0005	U	.001	U	.0006	J	.001	U	.001	U	.001	U	N/A	
Styrene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Tetrachloroethene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Toluene	.0009		.001		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Trans-1,2-Dichloroethene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Trans-1,3-Dichloropropene	N/A		N/A		.001	U	.001	U	.001	U	.001	U	.001	U	N/A	
Trichloroethene	N/A		N/A		.0006	J	.001	U	.001	U	.001	U	.001	U	N/A	
Vinyl Chloride	N/A		N/A		.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	N/A	
Xylene (Total)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	

TC.0030.108 24

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-07		CA13-07		CA13-08		CA13-08		CA13-09		CA13-10		CA13-10		CA13-10	
Sample Identification:	030-CAP-200		030-CAP-376		030-CAP-200A		030-CAP-376A		030-CAP-201		030-CAP-202		030-CAP-203		030-CAP-204	
Sample Date:	26-APR-00		26-APR-00		02-MAY-00		02-MAY-00		26-APR-00		15-JUN-00		15-JUN-00		15-JUN-00	
Sample Depth:	3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		4.0 to 4.5		6.5 to 7.0		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Bromoform	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Bromomethane	.01	U	.025	U	.005	U	.025	U	.005	U	.011	U	.012	U	.005	U
Carbon Tetrachloride	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Chlorobenzene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Chloroethane	.01	U	.025	U	.005	U	.025	U	.005	U	.011	U	.012	U	.005	U
Chloroform	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Chloromethane	.01	U	.025	U	.005	U	.025	U	.005	U	.011	U	.012	U	.005	U
Cis-1,2-Dichloroethene	.002	U	.005	U	.001	U	.005	U	.0017		.011	U	.012	U	.001	U
Cis-1,3-Dichloropropene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Dibromochloromethane	.002	U	.005	U	.001	U	.001	U	.001	U	.011	U	.012	U	.001	U
Ethylbenzene	.017		.02		.052		.016		.001	U	.011	U	.012	U	.001	U
M,P-Xylene	N/A		N/A		N/A		N/A		N/A		.011	U	.012	U	.001	U
Methyl Tertiary Butyl Ether	.002	U	.01	U	.002	U	.01	U	.002	U	.011	U	.012	U	.002	U
Methylene Chloride	.01	U	.025	U	.005	U	.025	U	.005	U	.011	U	.012	U	.002	U
O-Xylene	N/A		N/A		N/A		N/A		N/A		.011	U	.012	U	.001	U
Styrene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Tetrachloroethene	.002	U	.005	U	.001	U	.025	U	.001	U	.011	U	.012	U	.001	U
Toluene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Trans-1,2-Dichloroethene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Trans-1,3-Dichloropropene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	U	.012	U	.001	U
Trichloroethene	.002	U	.005	U	.001	U	.005	U	.001	U	.011	UJ	.012	U	.001	U
Vinyl Chloride	.001	U	.0025	U	.0005	U	.0025	U	.0005	U	.011	U	.012	U	.0005	U
Xylene (Total)	.002	U	.005	U	.001	U	.005	U	.001	U	N/A		N/A		N/A	

TC . 0030 . 10825

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-10		CA13-11		CA13-11		CA13-11		CA13-11		CA13-12		CA13-12		CA13-12	
Sample Identification:	030-CAP-377		030-CAP-205		030-CAP-206		030-CAP-225		030-CAP-379		030-CAP-207		030-CAP-208		030-CAP-226	
Sample Date:	15-JUN-00		09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00	
Sample Depth:	3.0 to 8.0		3.0 to 4.0		7.0 to 8.0		0.0 to 10.0		0.0 to 10.0		3.0 to 4.0		4.5 to 5.3		0.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Bromoform	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Bromomethane	.005	U	.01	U	.01	U	.005	U	.1	U	.01	U	.01	U	.1	U
Carbon Tetrachloride	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Chlorobenzene	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Chloroethane	.005	U	.01	U	.01	U	.005	U	.1	U	.01	U	.01	U	.1	U
Chloroform	.0005	J	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Chloromethane	.005	U	.01	U	.01	U	.005	U	.1	U	.01	U	.01	U	.1	U
Cis-1,2-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Cis-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Dibromochloromethane	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Ethylbenzene	.001	U	.035		.13		.015		.014		.01	U	.055		.096	
M,P-Xylene	.001	U	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methyl Tertiary Butyl Ether	.002	U	.01	U	.01	U	.002	U	.01	U	.01	U	.01	U	.01	U
Methylene Chloride	.002	U	.01	U	.01	U	.005	U	.1	U	.01	U	.01	U	.1	U
O-Xylene	.001	U	N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Styrene	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Tetrachloroethene	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Toluene	.001	U	.11		.01	U	.0079		.0074		.01	U	.11		.056	
Trans-1,2-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Trans-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Trichloroethene	.001	U	.01	U	.01	U	.001	U	.02	U	.01	U	.01	U	.02	U
Vinyl Chloride	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.01	U	.01	U
Xylene (Total)	N/A		.27		.56		.042		.039		.01	U	.56		.45	

TC.0030.10825

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-12		CA13-13		CA13-13		CA13-13		CA13-14		CA13-14		CA13-14		CA13-15	
Sample Identification:	030-CAP-378		030-CAP-209		030-CAP-210		030-CAP-227		030-CAP-211		030-CAP-212		030-CAP-228		030-CAP-213	
Sample Date:	09-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00	
Sample Depth:	4.0 to 4.5		2.8 to 3.8		4.5 to 5.5		2.5 to 7.5		3.0 to 4.0		7.5 to 8.0		3.0 to 8.0		4.0 to 5.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Volatile Organic Compounds																
Bromodichloromethane	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Bromoform	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Bromomethane	.01	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.2	U
Carbon Tetrachloride	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Chlorobenzene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Chloroethane	.01	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.2	U
Chloroform	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Chloromethane	.01	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.2	U
Cis-1,2-Dichloroethene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Cis-1,3-Dichloropropene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Dibromochloromethane	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Ethylbenzene	.01	U	.01	U	.01	U	.0081		.01	U	.01	U	.001	U	.23	
M,P-Xylene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Methyl Tertiary Butyl Ether	.01	U	.01	UJ	.01	UJ	.002	UJ	.01	UJ	.01	UJ	.002	U	.2	U
Methylene Chloride	.01	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.2	U
O-Xylene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Styrene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Tetrachloroethene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Toluene	.01	U	.01	U	.01	U	.065		.01	U	.01	U	.001		.57	
Trans-1,2-Dichloroethene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Trans-1,3-Dichloropropene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Trichloroethene	.01	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.2	U
Vinyl Chloride	.01	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.0005	U	.2	U
Xylene (Total)	.01	U	.01	U	.01	U	.055		.01	U	.01	U	.0042		11	

TC.0030.10824

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-15		CA13-15		CA13-16		CA13-16		CA13-16		CA13-17		CA13-17		CA13-17	
Sample Identification:	030-CAP-214		030-CAP-229		030-CAP-215		030-CAP-216		030-CAP-230		030-CAP-217		030-CAP-218		030-CAP-231	
Sample Date:	11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00		14-JUN-00		14-JUN-00		14-JUN-00	
Sample Depth:	3.0 to 4.0		3.0 to 8.0		1.5 to 2.5		4.0 to 5.0		3.0 to 8.0		3.0 to 3.5		4.0 to 4.5		3.0 to 8.0	
Sample Media (Units):	Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Bromoform	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Bromomethane	.2	U	.01	U	.01	U	.01	U	.005	U	N/A		N/A		N/A	
Carbon Tetrachloride	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Chlorobenzene	.2	U	.02	U	.01	U	.01	U	.01	U	.012	U	.011	U	.01	U
Chloroethane	.2	U	.01	U	.01	U	.01	U	.005	U	N/A		N/A		N/A	
Chloroform	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Chloromethane	.2	U	.01	U	.01	U	.01	U	.005	U	N/A		N/A		N/A	
Cis-1,2-Dichloroethene	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Cis-1,3-Dichloropropene	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Dibromochloromethane	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Ethylbenzene	.055		.02	U	.01	U	.0094		.018		.012	J	.011	U	.085	
M,P-Xylene	N/A		N/A		N/A		N/A		N/A		.012		.0081	J	.12	
Methyl Tertiary Butyl Ether	.2	U	.04	UJ	.01	U	.01	U	.02	UJ	.012	U	.011	U	.02	U
Methylene Chloride	.2	U	.01	U	.01	U	.01	U	.005	U	N/A		N/A		N/A	
O-Xylene	N/A		N/A		N/A		N/A		N/A		.012	U	.011	U	.076	
Styrene	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Tetrachloroethene	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Toluene	.085		.02	U	.01	U	.016		.01	U	.012	U	.011	U	.0097	J
Trans-1,2-Dichloroethene	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Trans-1,3-Dichloropropene	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Trichloroethene	.2	U	.02	U	.01	U	.01	U	.01	U	N/A		N/A		N/A	
Vinyl Chloride	.2	U	.01	U	.01	U	.01	U	.005	U	N/A		N/A		N/A	
Xylene (Total)	1.7	U	.11		.01	U	.046		.016		N/A		N/A		N/A	

TC.0030.10824

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-18		CA13-18		CA13-18		CA13-19		CA13-19		CA13-19		CA13-20		CA13-20	
Sample Identification:	030-CAP-219		030-CAP-220		030-CAP-232		030-CAP-221		030-CAP-222		030-CAP-233		030-CAP-223		030-CAP-224	
Sample Date:	14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00	
Sample Depth:	3.0 to 3.5		4.0 to 4.5		3.0 to 8.0		3.0 to 3.5		4.0 to 4.5		3.0 to 8.0		3.0 to 3.5		6.5 to 7.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)	
Volatile Organic Compounds																
Bromodichloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bromoform	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bromomethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbon Tetrachloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chlorobenzene	.011	U	.012	U	.025		.011	U	.011	U	.001	U	.013	U	.061	U
Chloroethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloroform	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Cis-1,2-Dichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Cis-1,3-Dichloropropene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Dibromochloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Ethylbenzene	.011	U	.012	U	.001	U	.011	U	.011	U	.001	U	.045	J	.39	
M,P-Xylene	.011	U	.012	U	.001	U	.011	U	.011	U	.001	U	.19	J	.061	U
Methyl Tertiary Butyl Ether	.011	U	.012	U	.002	U	.011	U	.011	U	.002	U	.013	U	.061	U
Methylene Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
O-Xylene	.011	U	.012	U	.001	U	.011	U	.011	U	.001	U	.076	J	.53	
Styrene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Tetrachloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Toluene	.011	U	.012	U	.001	U	.011	U	.011	U	.001	U	.1	J	.061	U
Trans-1,2-Dichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trans-1,3-Dichloropropene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Vinyl Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Xylene (Total)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	

TC.0030.10826

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-20		CA13-21		CA13-21		CA13-21		CA13-22		CA13-22		CA13-22		CA13-23	
Sample Identification:	030-CAP-234		030-CAP-411		030-CAP-412		030-CAP-413		030-CAP-414		030-CAP-415		030-CAP-416		030-CAP-417	
Sample Date:	14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00		15-JUN-00		15-JUN-00	
Sample Depth:	3.0 to 8.0		3.5 to 4.0		5.5 to 6.0		3.0 to 8.0		4.0 to 4.5		7.5 to 8.0		3.0 to 8.0		3.5 to 4.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Volatile Organic Compounds																
Bromodichloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bromoform	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bromomethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbon Tetrachloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chlorobenzene	.001	U	.052	U	.012	U	.005	U	.045	U	.012	U	.01	U	.06	U
Chloroethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloroform	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Cis-1,2-Dichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Cis-1,3-Dichloropropene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Dibromochloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Ethylbenzene	.036		.035	J	.025		.005	U	.099	J	.012	U	.0056	J	.4	
M,P-Xylene	.0065		.044	J	.032		.005	U	.25	J	.073	J	.024		1.3	
Methyl Tertiary Butyl Ether	.002	U	.052	U	.012	U	.01	U	.045	U	.012	U	.02	U	.06	U
Methylene Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
O-Xylene	.055		.12		.071		.006		.15	J	.018	J	.011		.65	
Styrene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Tetrachloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Toluene	.0063		.052	U	.012	U	.005	U	.11	J	.012	U	.015		.083	
Trans-1,2-Dichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trans-1,3-Dichloropropene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Vinyl Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Xylene (Total)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	

TC.0030.10824

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA13-23		CA13-23		CA13-24		CA13-24		CA13-24		CA13-25		CA13-25		CA13-25	
Sample Identification:	030-CAP-418		030-CAP-419		030-CAP-420		030-CAP-421		030-CAP-422		030-CAP-424		030-CAP-425		030-CAP-426	
Sample Date:	15-JUN-00		15-JUN-00		15-JUN-00		15-JUN-00		15-JUN-00		14-JUN-00		14-JUN-00		14-JUN-00	
Sample Depth:	5.0 to 6.5		3.0 to 8.0		2.5 to 3.0		4.0 to 4.5		3.0 to 8.0		3.5 to 4.0		4.5 to 5.0		3.0 to 8.0	
Sample Media (Units):	Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Volatile Organic Compounds																
Bromodichloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bromoform	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bromomethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Carbon Tetrachloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chlorobenzene	.023	U	.004	U	.011	U	.011	U	.0056	U	.011	U	.012	U	.001	U
Chloroethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloroform	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Chloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Cis-1,2-Dichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Cis-1,3-Dichloropropene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Dibromochloromethane	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Ethylbenzene	.07	J	.034		.011	U	.011	U	.021		.011	U	.012	U	.016	
M,P-Xylene	.078	J	.08		.011	U	.011	U	.054		.011	U	.012	U	.055	
Methyl Tertiary Butyl Ether	.023	U	.008	U	.011	U	.011	U	.011	U	.011	U	.012	U	.002	U
Methylene Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
O-Xylene	.11	J	.061		.011	U	.011	U	.029		.011	U	.012	U	.004	
Styrene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Tetrachloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Toluene	.023	U	.011		.011	U	.011	U	.0056	U	.011	U	.012	U	.004	
Trans-1,2-Dichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trans-1,3-Dichloropropene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Trichloroethene	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Vinyl Chloride	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Xylene (Total)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	

TC.0030.10324

Corrective Action Area 13
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		MW		MW		MW		MW	
Point Name:	CA13-26		CA13-26		CA13-26		M10B-01		M13-07		MW-1		MW530-1	
Sample Identification:	030-CAP-427		030-CAP-428		030-CAP-429		030-CAP-198		030-CAP-199		030-CAP-196		030-CAP-197	
Sample Date:	21-JUN-00		21-JUN-00		21-JUN-00		25-APR-00		25-APR-00		25-APR-00		26-APR-00	
Sample Depth:	3.5 to 4.5		6.5 to 7.0		3.0 to 8.0									
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds														
Bromodichloromethane	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Bromoform	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Bromomethane	N/A		N/A		N/A		.005	U	.005	U	.005	U	.005	U
Carbon Tetrachloride	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Chlorobenzene	.012	U	.022	UJ	.001	U	.001	U	.001	U	.001	U	.001	U
Chloroethane	N/A		N/A		N/A		.005	U	.005	U	.005	U	.005	U
Chloroform	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Chloromethane	N/A		N/A		N/A		.005	U	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Cis-1,3-Dichloropropene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Dibromochloromethane	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Ethylbenzene	.012	U	.022	U	.001	U	.001	U	.001	U	.001	U	.0016	
M,P-Xylene	.012	U	.022	U	.001	U	N/A		N/A		N/A		N/A	
Methyl Tertiary Butyl Ether	.012	U	.022	U	.002	U	.002	U	.002	UJ	.002	U	.002	U
Methylene Chloride	N/A		N/A		N/A		.005	U	.005	U	.005	U	.005	U
O-Xylene	.012	U	.022	U	.001	U	N/A		N/A		N/A		N/A	
Styrene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Tetrachloroethene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Toluene	.012	U	.022	U	.001	U	.001	U	.001	U	.001	U	.001	U
Trans-1,2-Dichloroethene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Trans-1,3-Dichloropropene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Trichloroethene	N/A		N/A		N/A		.001	U	.001	U	.001	U	.001	U
Vinyl Chloride	N/A		N/A		N/A		.0005	U	.0005	U	.0005	U	.0005	U
Xylene (Total)	N/A		N/A		N/A		.001	U	.001	U	.001	U	.0044	

TC.0030.10324

FUEL LINE CORRECTIVE ACTION AREA A

Fuel Line Corrective Action Area A
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA01-01		PA01-02		PA01-03		PA01-04		PA01-04		PA01-05		PA01-05		PA01-05	
Sample Identification:	030-CAP-260		030-CAP-261		030-CAP-262		030-CAP-263		030-CAP-383		030-CAP-264		030-CAP-265		030-CAP-266	
Sample Date:	25-APR-00		25-APR-00		25-APR-00		25-APR-00		25-APR-00		25-APR-00		25-APR-00		25-APR-00	
Sample Depth:	3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 4.0		7.0 to 7.5		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	.003	U	.003	U	.003	U	.003	U	N/A		N/A		.003	U
Inorganic Compounds (Total)																
Lead	N/A		N/A		N/A		N/A		N/A		12	U	11	U	N/A	
TPH Extractable Compounds																
Diesel-range Organics	.1	U	.1	U	.1	U	.1	U	.1	U	10	U	10	U	.1	U
JP5-Range Organics	.1	U	.1	U	.1	U	.1	U	.1	U	10	U	10	U	.1	U
Motor-oil-range Organics	.5	U	.5	U	.5	U	.5	U	.5	U	250	U	250	U	.5	U
TPH Purgeable Compounds																
Gasoline-range Organics	.05	U	.05	U	.05	U	.05	U	.05	U	.5	U	.5	UJ	.05	U
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
1,1-Dichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
1,1-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
1,2,4-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
1,2-Dichloroethane	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
1,2-Dichloropropane	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Benzene	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.01	U	.01	U	.0005	U
Bromodichloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Bromoform	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Bromomethane	.005	U	.005	U	.005	U	.005	U	.005	U	.01	U	.01	U	.005	U
Carbon Tetrachloride	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Chlorobenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Chloroethane	.005	U	.005	U	.005	U	.005	U	.005	U	.01	U	.01	U	.005	U
Chloroform	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Chloromethane	.005	U	.005	U	.005	U	.005	U	.005	U	.01	U	.01	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U

TC. 0030.10824

Fuel Line Corrective Action Area A
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA01-01		PA01-02		PA01-03		PA01-04		PA01-04		PA01-05		PA01-05		PA01-05	
Sample Identification:	030-CAP-260		030-CAP-261		030-CAP-262		030-CAP-263		030-CAP-383		030-CAP-264		030-CAP-265		030-CAP-266	
Sample Date:	25-APR-00		25-APR-00		25-APR-00		25-APR-00		25-APR-00		25-APR-00		25-APR-00		25-APR-00	
Sample Depth:	3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 8.0		3.0 to 4.0		7.0 to 7.5		3.0 to 8.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Volatile Organic Compounds																
Dibromochloromethane	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Ethylbenzene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Methyl Tertiary Butyl Ether	.002	U	.002	U	.002	U	.002	U	.002	U	.01	UJ	.01	UJ	.002	UJ
Methylene Chloride	.005	U	.005	U	.005	U	.005	U	.005	U	.01	U	.01	U	.005	U
Styrene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Tetrachloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Toluene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Trichloroethene	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U
Vinyl Chloride	.0005	U	.0005	U	.0005	U	.0005	U	.0005	U	.01	U	.01	U	.0005	U
Xylene (Total)	.001	U	.001	U	.001	U	.001	U	.001	U	.01	U	.01	U	.001	U

TC.0030.10824

FUEL LINE CORRECTIVE ACTION AREA B

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-01		PA02-01		PA02-02		PA02-02		PA02-02		PA02-02		PA02-03		PA02-03	
Sample Identification:	030-CAP-294		030-CAP-386		030-CAP-270		030-CAP-271		030-CAP-295		030-CAP-384		030-CAP-272		030-CAP-273	
Sample Date:	03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00	
Sample Depth:	3.0 to 8.0		3.0 to 8.0		2.0 to 3.0		5.0 to 6.0		0.0 to 10.0		6.0 to 7.0		2.0 to 3.0		5.0 to 6.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	.003	U	N/A		N/A		.003	U	N/A		N/A		N/A	
Inorganic Compounds (Total)																
Lead	N/A		N/A		11	U	12	U	N/A		12	U	12	U	11	U
TPH Extractable Compounds																
Diesel-range Organics	.1	U	.1	U	10	U	10	U	.1	U	10	U	10	U	10	U
JP5-Range Organics	.1	U	.1	U	10	U	10	U	.1	U	10	U	10	U	10	U
Motor-oil-range Organics	.5	U	.5	U	250	U	250	U	.5	U	250	U	250	U	250	U
TPH Purgeable Compounds																
Gasoline-range Organics	.05	U	.05	U	1.6		.5	U	.05	U	.5	U	.5	U	.5	UJ
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,1,2-Trichloroethane	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,1-Dichloroethane	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,1-Dichloroethene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,2,4-Trimethylbenzene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,2-Dichloroethane	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,2-Dichloropropane	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Benzene	.0005	U	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.01	U
Bromodichloromethane	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Bromoform	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Bromomethane	.005	U	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.01	U
Carbon Tetrachloride	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Chlorobenzene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Chloroethane	.005	U	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.01	U
Chloroform	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Chloromethane	.005	U	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.01	U
Cis-1,2-Dichloroethene	.0015		.0013		.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U

030.10032

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-03		PA02-04		PA02-04		PA02-04		PA02-05		PA02-05		PA02-05		PA02-06	
Sample Identification:	030-CAP-296		030-CAP-274		030-CAP-275		030-CAP-297		030-CAP-276		030-CAP-277		030-CAP-298		030-CAP-278	
Sample Date:	03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		08-MAY-00	
Sample Depth:	0.0 to 10.0		2.0 to 3.0		5.0 to 6.0		0.0 to 10.0		2.0 to 3.0		6.0 to 7.0		0.0 to 10.0		3.0 to 4.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	N/A		N/A		.003	U	N/A		N/A		.003	U	N/A	
Inorganic Compounds (Total)																
Lead	N/A		11	U	12	U	N/A		11	U	12	U	N/A		12	U
TPH Extractable Compounds																
Diesel-range Organics	.1	U	10	U	10	U	.1	U	10	U	10	U	.1	U	10	U
JP5-Range Organics	.1	U	10	U	10	U	.1	U	10	U	10	U	.1	U	10	U
Motor-oil-range Organics	.5	U	250	U	250	U	.5	U	250	U	250	U	.5	U	250	U
TPH Purgeable Compounds																
Gasoline-range Organics	.05	U	.5	U	.5	UJ	.05	U	.5	U	.5	U	.05	U	.5	U
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1,2,2-Tetrachloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1,2-Trichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1-Dichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2,4-Trimethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2-Dichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2-Dichloropropane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,3,5-Trimethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Benzene	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.0005	U	.01	U
Bromodichloromethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Bromoform	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Bromomethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Carbon Tetrachloride	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chlorobenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chloroethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Chloroform	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chloromethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Cis-1,2-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Cis-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U

TC 0030_1092A

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-06		PA02-06		PA02-07		PA02-07		PA02-07		PA02-07		PA02-08		PA02-08	
Sample Identification:	030-CAP-279		030-CAP-299		030-CAP-280		030-CAP-281		030-CAP-300		030-CAP-385		030-CAP-282		030-CAP-283	
Sample Date:	08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		03-MAY-00		03-MAY-00	
Sample Depth:	4.0 to 5.0		0.0 to 10.0		2.8 to 3.8		4.0 to 5.0		0.0 to 10.0		5.0 to 6.0		2.0 to 3.0		6.0 to 7.0	
Sample Media (Units):	Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	N/A		.003	U	N/A		N/A		.003	U	N/A		N/A		N/A	
Inorganic Compounds (Total)																
Lead	12	U	N/A		12	U	11	U	N/A		11	U	11	U	12	U
TPH Extractable Compounds																
Diesel-range Organics	10	U	.1	U	10	U	10	U	.1	U	10	U	10	U	10	U
JP5-Range Organics	10	U	.1	U	10	U	10	U	.1	U	10	U	10	U	10	U
Motor-oil-range Organics	250	U	.5	U	250	U	250	U	.5	U	250	U	250	U	250	U
TPH Purgeable Compounds																
Gasoline-range Organics	.5	U	.05	U	.5	U	.5	U	.05	U	.5	U	.5	UJ	.5	U
Volatile Organic Compounds																
1,1,1-Trichloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,1,2,2-Tetrachloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,1,2-Trichloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,1-Dichloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,1-Dichloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,2,4-Trimethylbenzene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,2-Dichloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,2-Dichloropropane	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
1,3,5-Trimethylbenzene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Benzene	.01	U	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.01	U
Bromodichloromethane	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Bromoform	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Bromomethane	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.01	U
Carbon Tetrachloride	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Chlorobenzene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Chloroethane	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.01	U
Chloroform	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Chloromethane	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.01	U
Cis-1,2-Dichloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Cis-1,3-Dichloropropene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-08		PA02-09		PA02-09		PA02-09		PA02-10		PA02-10		PA02-10		PA02-11	
Sample Identification:	030-CAP-301		030-CAP-284		030-CAP-285		030-CAP-302		030-CAP-286		030-CAP-287		030-CAP-303		030-CAP-288	
Sample Date:	03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		03-MAY-00	
Sample Depth:	0.0 to 10.0		2.0 to 3.0		6.0 to 7.0		0.0 to 10.0		2.8 to 3.8		4.0 to 5.0		0.0 to 10.0		2.0 to 3.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	.003	U	N/A		N/A		.003	U	N/A		N/A		.003	U	N/A	
Inorganic Compounds (Total)																
Lead	N/A		10	U	12	U	N/A		12	U	12	U	N/A		10	U
TPH Extractable Compounds																
Diesel-range Organics	.1	U	10	U	10	U	.1	U	10	U	10	U	.1	U	10	U
JP5-Range Organics	.1	U	10	U	10	U	.1	U	10	U	10	U	.1	U	10	U
Motor-oil-range Organics	.5	U	250	U	250	U	.5	U	250	U	250	U	.5	U	250	U
TPH Purgeable Compounds																
Gasoline-range Organics	.05	U	.5	UJ	.5	U	.05	U	.5	U	.5	U	.17		.5	U
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1,2,2-Tetrachloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1,2-Trichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1-Dichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,1-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2,4-Trimethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2-Dichloroethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,2-Dichloropropane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
1,3,5-Trimethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Benzene	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.0005	U	.01	U
Bromodichloromethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Bromoform	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Bromomethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Carbon Tetrachloride	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chlorobenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chloroethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Chloroform	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Chloromethane	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Cis-1,2-Dichloroethene	.0011		.01	U	.01	U	.001	U	.01	U	.01	U	.0062		.01	U
Cis-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-11		PA02-11		PA02-12		PA02-12		PA02-12		PA02-12		PA02-13		PA02-13	
Sample Identification:	030-CAP-289		030-CAP-304		030-CAP-290		030-CAP-291		030-CAP-305		030-CAP-387		030-CAP-292		030-CAP-293	
Sample Date:	03-MAY-00		03-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00	
Sample Depth:	6.0 to 7.0		0.0 to 10.0		3.0 to 4.0		4.0 to 5.0		0.0 to 10.0		0.0 to 10.0		2.5 to 3.5		4.0 to 5.0	
Sample Media (Units):	Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)	
Inorganic Compounds (Dissolved)																
Lead	N/A		.003	U	N/A		N/A		.003	U	.003	U	N/A		N/A	
Inorganic Compounds (Total)																
Lead	12	U	N/A		12	U	12	U	N/A		N/A		12	U	12	U
TPH Extractable Compounds																
Diesel-range Organics	10	U	.1	U	10	U	10	U	.1	U	.1	U	10	U	10	U
JP5-Range Organics	10	U	.1	U	10	U	10	U	.1	U	.1	U	10	U	10	U
Motor-oil-range Organics	250	U	.5	U	250	U	250	U	.5	U	.5	U	250	U	250	U
TPH Purgeable Compounds																
Gasoline-range Organics	.5	U	.05	U	.5	U	.5	U	.05	U	.05	U	.5	UJ	.5	U
Volatile Organic Compounds																
1,1,1-Trichloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
1,1,2,2-Tetrachloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
1,1,2-Trichloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
1,1-Dichloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
1,1-Dichloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
1,2,4-Trimethylbenzene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
1,2-Dichloroethane	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
1,2-Dichloropropane	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
1,3,5-Trimethylbenzene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Benzene	.01	U	.0005	U	.01	U	.01	U	.0005	U	.0005	U	.01	U	.01	U
Bromodichloromethane	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Bromoform	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Bromomethane	.01	U	.005	U	.01	U	.01	U	.005	U	.005	U	.01	U	.01	U
Carbon Tetrachloride	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Chlorobenzene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Chloroethane	.01	U	.005	U	.01	U	.01	U	.005	U	.005	U	.01	U	.01	U
Chloroform	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Chloromethane	.01	U	.005	U	.01	U	.01	U	.005	U	.005	U	.01	U	.01	U
Cis-1,2-Dichloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Cis-1,3-Dichloropropene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U

TC.0030.1082

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP	
Point Name:	PA02-13	
Sample Identification:	030-CAP-306	
Sample Date:	08-MAY-00	
Sample Depth:	0.0 to 10.0	
Sample Media (Units):	Water (mg/L)	
Inorganic Compounds (Dissolved)		
Lead	.003	U
Inorganic Compounds (Total)		
Lead	N/A	
TPH Extractable Compounds		
Diesel-range Organics	.1	U
JP5-Range Organics	.1	U
Motor-oil-range Organics	.5	U
TPH Purgeable Compounds		
Gasoline-range Organics	.05	U
Volatile Organic Compounds		
1,1,1-Trichloroethane	.001	U
1,1,2,2-Tetrachloroethane	.001	U
1,1,2-Trichloroethane	.001	U
1,1-Dichloroethane	.001	U
1,1-Dichloroethene	.001	U
1,2,4-Trimethylbenzene	.001	U
1,2-Dichloroethane	.001	U
1,2-Dichloropropane	.001	U
1,3,5-Trimethylbenzene	.001	U
Benzene	.0005	U
Bromodichloromethane	.001	U
Bromoform	.001	U
Bromomethane	.005	U
Carbon Tetrachloride	.001	U
Chlorobenzene	.001	U
Chloroethane	.005	U
Chloroform	.001	U
Chloromethane	.005	U
Cis-1,2-Dichloroethene	**.0033**	
Cis-1,3-Dichloropropene	.001	U

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Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-01		PA02-01		PA02-02		PA02-02		PA02-02		PA02-02		PA02-03		PA02-03	
Sample Identification:	030-CAP-294		030-CAP-386		030-CAP-270		030-CAP-271		030-CAP-295		030-CAP-384		030-CAP-272		030-CAP-273	
Sample Date:	03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00	
Sample Depth:	3.0 to 8.0		3.0 to 8.0		2.0 to 3.0		5.0 to 6.0		0.0 to 10.0		6.0 to 7.0		2.0 to 3.0		5.0 to 6.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	
Volatile Organic Compounds																
Dibromochloromethane	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Ethylbenzene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Methyl Tertiary Butyl Ether	.002	U	.002	U	.01	U	.01	U	.002	U	.01	U	.01	U	.01	U
Methylene Chloride	.005	U	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.01	U
Styrene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Tetrachloroethene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Toluene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Trichloroethene	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Vinyl Chloride	.0005	U	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.01	U
Xylene (Total)	.001	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U

TC . 0030 . 10024

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-03		PA02-04		PA02-04		PA02-04		PA02-05		PA02-05		PA02-05		PA02-06	
Sample Identification:	030-CAP-296		030-CAP-274		030-CAP-275		030-CAP-297		030-CAP-276		030-CAP-277		030-CAP-298		030-CAP-278	
Sample Date:	03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		08-MAY-00	
Sample Depth:	0.0 to 10.0		2.0 to 3.0		5.0 to 6.0		0.0 to 10.0		2.0 to 3.0		6.0 to 7.0		0.0 to 10.0		3.0 to 4.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Volatile Organic Compounds																
Dibromochloromethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Ethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Methyl Tertiary Butyl Ether	.002	U	.01	U	.01	U	.002	U	.01	U	.01	U	.002	U	.01	UJ
Methylene Chloride	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Styrene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Tetrachloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Toluene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Trans-1,2-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Trans-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Trichloroethene	.001	U	.01	U	.01	U	.0013	UJ	.01	U	.01	U	.001	U	.01	U
Vinyl Chloride	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.0005	U	.01	U
Xylene (Total)	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U

TC.0030.10024

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-06		PA02-06		PA02-07		PA02-07		PA02-07		PA02-07		PA02-08		PA02-08	
Sample Identification:	030-CAP-279		030-CAP-299		030-CAP-280		030-CAP-281		030-CAP-300		030-CAP-385		030-CAP-282		030-CAP-283	
Sample Date:	08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		03-MAY-00		03-MAY-00	
Sample Depth:	4.0 to 5.0		0.0 to 10.0		2.8 to 3.8		4.0 to 5.0		0.0 to 10.0		5.0 to 6.0		2.0 to 3.0		6.0 to 7.0	
Sample Media (Units):	Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	
Volatile Organic Compounds																
Dibromochloromethane	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Ethylbenzene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Methyl Tertiary Butyl Ether	.01	UJ	.002	U	.01	UJ	.01	UJ	.002	U	.01	UJ	.01	U	.01	U
Methylene Chloride	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.01	U
Styrene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Tetrachloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Toluene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Trans-1,2-Dichloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Trans-1,3-Dichloropropene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Trichloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U
Vinyl Chloride	.01	U	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	.01	U
Xylene (Total)	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.01	U

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-08		PA02-09		PA02-09		PA02-09		PA02-10		PA02-10		PA02-10		PA02-11	
Sample Identification:	030-CAP-301		030-CAP-284		030-CAP-285		030-CAP-302		030-CAP-286		030-CAP-287		030-CAP-303		030-CAP-288	
Sample Date:	03-MAY-00		03-MAY-00		03-MAY-00		03-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		03-MAY-00	
Sample Depth:	0.0 to 10.0		2.0 to 3.0		6.0 to 7.0		0.0 to 10.0		2.8 to 3.8		4.0 to 5.0		0.0 to 10.0		2.0 to 3.0	
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)	
Volatile Organic Compounds																
Dibromochloromethane	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Ethylbenzene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Methyl Tertiary Butyl Ether	.002	U	.01	U	.01	U	.002	U	.01	UJ	.01	UJ	.002	U	.01	U
Methylene Chloride	.005	U	.01	U	.01	U	.005	U	.01	U	.01	U	.005	U	.01	U
Styrene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Tetrachloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	**.0028**		.01	U
Toluene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Trans-1,2-Dichloroethene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	**.0019**		.01	U
Trans-1,3-Dichloropropene	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Trichloroethene	.0013	UJ	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U
Vinyl Chloride	.0005	U	.01	U	.01	U	.0005	U	.01	U	.01	U	**.0013**		.01	U
Xylene (Total)	.001	U	.01	U	.01	U	.001	U	.01	U	.01	U	.001	U	.01	U

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	PA02-11		PA02-11		PA02-12		PA02-12		PA02-12		PA02-12		PA02-13		PA02-13	
Sample Identification:	030-CAP-289		030-CAP-304		030-CAP-290		030-CAP-291		030-CAP-305		030-CAP-387		030-CAP-292		030-CAP-293	
Sample Date:	03-MAY-00		03-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00		08-MAY-00	
Sample Depth:	6.0 to 7.0		0.0 to 10.0		3.0 to 4.0		4.0 to 5.0		0.0 to 10.0		0.0 to 10.0		2.5 to 3.5		4.0 to 5.0	
Sample Media (Units):	Soil (mg/kg)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)		Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)	
Volatile Organic Compounds																
Dibromochloromethane	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Ethylbenzene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Methyl Tertiary Butyl Ether	.01	U	.002	U	.01	UJ	.01	UJ	.002	U	.002	U	.01	UJ	.01	UJ
Methylene Chloride	.01	U	.005	U	.01	U	.01	U	.005	U	.005	U	.01	U	.01	U
Styrene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Tetrachloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Toluene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Trans-1,2-Dichloroethene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Trans-1,3-Dichloropropene	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Trichloroethene	.01	U	.0021	UJ	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U
Vinyl Chloride	.01	U	.0005	U	.01	U	.01	U	.0005	U	.0005	U	.01	U	.01	U
Xylene (Total)	.01	U	.001	U	.01	U	.01	U	.001	U	.001	U	.01	U	.01	U

TC.0030.10825

Fuel Line Corrective Action Area B
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP
Point Name:	PA02-13
Sample Identification:	030-CAP-306
Sample Date:	08-MAY-00
Sample Depth:	0.0 to 10.0
Sample Media (Units):	Water (mg/L)

Volatile Organic Compounds		
Dibromochloromethane	.001	U
Ethylbenzene	.001	U
Methyl Tertiary Butyl Ether	.002	U
Methylene Chloride	.005	U
Styrene	.001	U
Tetrachloroethene	.001	U
Toluene	.001	U
Trans-1,2-Dichloroethene	.001	U
Trans-1,3-Dichloropropene	.001	U
Trichloroethene	**.0042**	
Vinyl Chloride	.0005	U
Xylene (Total)	.001	U

TC.0030.1082

ENVIRONMENTAL BASELINE SURVEY
PARCEL 27A

Environmental Baseline Survey Parcel 27A
Analytical Results
Alameda Point, Alameda, California

Point Type:	HP		HP		HP		HP		HP		HP	
Point Name:	EP27-01		EP27-01		EP27-02		EP27-03		EP27-04		EP27-05	
Sample Identification:	030-CAP-237		030-CAP-380		030-CAP-238		030-CAP-239		030-CAP-240		030-CAP-241	
Sample Date:	10-MAY-00		10-MAY-00		15-JUN-00		10-MAY-00		10-MAY-00		10-MAY-00	
Sample Depth:	6.0 to 10.0		6.0 to 10.0		0.0 to 10.0		6.0 to 10.0		6.0 to 10.0		6.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Inorganic Compounds (Dissolved)												
Aluminum	2.9		2		.4		.12		.1	U	.1	U
Antimony	.06	U	.06	U	.06	U	.06	U	.06	U	.06	U
Arsenic	.013		.013		.014		.01	U	.01	U	.01	U
Barium	.2	U	.2	U	.2	U	.2	U	.2	U	.37	
Beryllium	.004	U	.004	U	.004	U	.004	U	.004	U	.004	U
Cadmium	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Calcium	5	UJ	5	UJ	130	J	39	J	75	J	340	J
Chromium	.017		.011		.01	U	.01	U	.01	U	.01	U
Cobalt	.05	U	.05	U	.05	U	.05	U	.05	U	.05	U
Copper	.025	U	.025	U	.025	U	.025	U	.025	U	.025	U
Iron	4.9	J	3.2	J	2.2	J	.1	UJ	.1	UJ	.1	UJ
Lead	.003	U	.003	U	.003	U	.003	U	.003	U	.003	U
Magnesium	5	U	5	U	280	J	11		41		320	
Manganese	.036		.029		1.1		.069		.65		1.6	
Mercury	.0002	U	.0002	U	.0002	U	.0002	U	.0002	U	.0002	U
Molybdenum	.02	U	.02	U	.02	U	.02	U	.02	U	.02	U
Nickel	.04	U	.04	U	.04	U	.04	U	.04	U	.04	U
Potassium	7.2		6.2		72		13		16		67	
Selenium	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
Silver	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
Sodium	93		83		2800		65		1200		3100	
Thallium	.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	UJ
Vanadium	.05	U	.05	U	.05	U	.05	U	.05	U	.05	U
Zinc	.02	U	.02	U	.02	U	.02	U	.02	U	.021	

TC.0030.1082

ENVIRONMENTAL BASELINE SURVEY
PARCELS 41, 44, 64, AND 65

Environmental Baseline Survey Parcels 41, 44, 64, and 65
Analytical Results
Alameda Point, Alameda, California

Point Type:	HP		HP		HP		HP	
Point Name:	EP41-01		EP44-01		EP64-01		EP65-01	
Sample Identification:	030-CAP-242		030-CAP-243		030-CAP-244		030-CAP-245	
Sample Date:	11-MAY-00		11-MAY-00		11-MAY-00		11-MAY-00	
Sample Depth:	6.0 to 10.0		6.0 to 10.0		6.0 to 10.0		6.0 to 10.0	
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds								
1,1,1-Trichloroethane	.001	U	.001	U	.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethane	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethene	.001	U	.001	U	.001	U	.001	U
1,2,4-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U
1,2-Dichloroethane	.001	U	.001	U	.001	U	.001	U
1,2-Dichloropropane	.001	U	.001	U	.001	U	.001	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.001	U	.001	U
Benzene	.0005	U	.0005	U	.0005	U	.0005	U
Bromodichloromethane	.001	U	.001	U	.001	U	.001	U
Bromoform	.001	U	.001	U	.001	U	.001	U
Bromomethane	.005	UJ	.005	UJ	.005	UJ	.005	UJ
Carbon Tetrachloride	.001	U	.001	U	.001	U	.001	U
Chlorobenzene	.001	U	.001	U	.001	U	.001	U
Chloroethane	.005	U	.005	U	.005	U	.005	U
Chloroform	.001	U	.001	U	.001	U	.001	U
Chloromethane	.005	U	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U	.001	U	.001	U
Ethylbenzene	.001	U	.001	U	.001	U	.001	U
M,P-Xylene	.001	U	.001	U	.001	U	.001	U
Methyl Tertiary Butyl Ether	.002	U	.002	U	.002	U	.002	U
Methylene Chloride	.002	U	.002	U	.002	U	.002	U
O-Xylene	.001	U	.001	U	.001	U	.001	U
Styrene	.001	U	.001	U	.001	U	.001	U
Tetrachloroethene	.001	U	.001	U	.001	U	.001	U
Toluene	.001	U	.001	U	.001	U	.001	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	U
Trichloroethene	.001	U	.001	U	.001	U	.001	U
Vinyl Chloride	.0005	U	.0005	U	.0005	U	.0005	U

TC. 0030.100

ENVIRONMENTAL BASELINE SURVEY
PARCEL 125

Environmental Baseline Survey Parcel 125
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP	
Point Name:	EP125-01		EP125-01	
Sample Identification:	030-CAP-235		030-CAP-236	
Sample Date:	04-MAY-00		04-MAY-00	
Sample Depth:	0.5 to 1.5		3.0 to 4.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)	
Inorganic Compounds (Total)				
Lead	11	U	11	U
TPH Extractable Compounds				
Diesel-range Organics	10	U	10	U
JP5-Range Organics	10	U	10	U
Motor-oil-range Organics	250	U	250	U
TPH Purgeable Compounds				
Gasoline-range Organics	.5	U	.5	U
Volatile Organic Compounds				
1,1,1-Trichloroethane	.01	U	.01	U
1,1,2,2-Tetrachloroethane	.01	U	.01	U
1,1,2-Trichloroethane	.01	U	.01	U
1,1-Dichloroethane	.01	U	.01	U
1,1-Dichloroethene	.01	U	.01	U
1,2,4-Trimethylbenzene	.01	U	.01	U
1,2-Dichloroethane	.01	U	.01	U
1,2-Dichloropropane	.01	U	.01	U
1,3,5-Trimethylbenzene	.01	U	.01	U
Benzene	.01	U	.01	U
Bromodichloromethane	.01	U	.01	U
Bromoform	.01	U	.01	U
Bromomethane	.01	U	.01	U
Carbon Tetrachloride	.01	U	.01	U
Chlorobenzene	.01	U	.01	U
Chloroethane	.01	U	.01	U
Chloroform	.01	U	.01	U
Chloromethane	.01	U	.01	U
Cis-1,2-Dichloroethene	.01	U	.01	U
Cis-1,3-Dichloropropene	.01	U	.01	U
Dibromochloromethane	.01	U	.01	U
Ethylbenzene	.01	U	.01	U
Methyl Tertiary Butyl Ether	.01	U	.01	U

10.0030.1092

Environmental Baseline Survey Parcel 125
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP	
Point Name:	EP125-01		EP125-01	
Sample Identification:	030-CAP-235		030-CAP-236	
Sample Date:	04-MAY-00		04-MAY-00	
Sample Depth:	0.5 to 1.5		3.0 to 4.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)	
Volatile Organic Compounds				
Methylene Chloride	.01	U	.01	U
Styrene	.01	U	.01	U
Tetrachloroethene	.01	U	.01	U
Toluene	.01	U	.01	U
Trans-1,2-Dichloroethene	.01	U	.01	U
Trans-1,3-Dichloropropene	.01	U	.01	U
Trichloroethene	.01	U	.01	U
Vinyl Chloride	.01	U	.01	U
Xylene (Total)	.01	U	.01	U

TC.0030.10624

ENVIRONMENTAL BASELINE SURVEY
PARCEL 138

Environmental Baseline Survey Parcel 138
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP	
Point Name:	EP138-01		EP138-01		EP138-01		EP138-02	
Sample Identification:	030-CAP-156		030-CAP-157		030-CAP-370A		030-CAP-370	
Sample Date:	01-MAY-00		01-MAY-00		01-MAY-00		01-MAY-00	
Sample Depth:	2.0 to 2.5		2.5 to 3.0		3.0 to 3.5		2.5 to 3.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	
Polychlorinated Biphenyls								
Aroclor-1016	.017	UJ	.016	UJ	.017	UJ	.018	UJ
Aroclor-1221	.035	UJ	.034	UJ	.035	UJ	.036	UJ
Aroclor-1232	.017	UJ	.016	UJ	.017	UJ	.018	UJ
Aroclor-1242	.017	UJ	.016	UJ	.017	UJ	.018	UJ
Aroclor-1248	.017	UJ	.016	UJ	.017	UJ	.018	UJ
Aroclor-1254	.017	UJ	.016	UJ	.017	UJ	.018	UJ
Aroclor-1260	.024	J	.016	UJ	.12	J	.018	UJ

TC.0030.10825

ENVIRONMENTAL BASELINE SURVEY
PARCEL 149

Environmental Baseline Survey Parcel 149
Analytical Results
Alameda Point, Alameda, California

Point Type:	MW	
Point Name:	MWC2-2	
Sample Identification:	030-CAP-405	
Sample Date:	21-JUN-00	
Sample Depth:		
Sample Media (Units):	Water (mg/L)	
Volatile Organic Compounds		
1,1,1-Trichloroethane	.005	U
1,1,2,2-Tetrachloroethane	.005	U
1,1,2-Trichloroethane	.005	U
1,1-Dichloroethane	.005	U
1,1-Dichloroethene	.005	U
1,2-Dichlorobenzene	**.362**	
1,2-Dichloroethane	.005	U
1,2-Dichloroethene (Total)	**.001**	J
1,2-Dichloropropane	.005	U
1,3-Dichlorobenzene	**.005**	J
1,4-Dichlorobenzene	**.02**	
2-Butanone	.1	U
4-Methyl-2-Pentanone	.05	U
Acetone	.1	UJ
Benzene	.005	U
Bromodichloromethane	.005	U
Bromoform	.005	U
Bromomethane	.005	U
Carbon Disulfide	.005	U
Carbon Tetrachloride	.005	U
Chlorobenzene	**.001**	J
Chloroethane	.005	U
Chloroform	.005	U
Chloromethane	.005	U
Cis-1,3-Dichloropropene	.005	U
Dibromochloromethane	.005	U
Ethylbenzene	.005	U
Methyl Tertiary Butyl Ether	.005	U
Methylene Chloride	.005	U
Styrene	.005	U
Tetrachloroethene	.005	U
Toluene	.005	U
Trans-1,3-Dichloropropene	.005	U
Trichloroethene	**.003**	J
Vinyl Chloride	.005	U

Environmental Baseline Survey Parcel 149
Analytical Results
Alameda Point, Alameda, California

Point Type:	MW
Point Name:	MWC2-2
Sample Identification:	030-CAP-405
Sample Date:	21-JUN-00
Sample Depth:	
Sample Media (Units):	Water (mg/L)
Volatile Organic Compounds	
Xylene (Total)	.005 U

TC.0030.10

ENVIRONMENTAL BASELINE SURVEY
PARCEL 155B

Environmental Baseline Survey Parcel 155B
Analytical Results
Alameda Point, Alameda, California

Point Type:	MW		MW		MW		MW	
Point Name:	15-MW1		15-MW1		15-MW2		15-MW3	
Sample Identification:	030-CAP-406		030-CAP-409		030-CAP-407		030-CAP-408	
Sample Date:	21-JUN-00		21-JUN-00		21-JUN-00		21-JUN-00	
Sample Depth:								
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds								
1,1,1-Trichloroethane	.005	U	.005	U	.005	U	.005	U
1,1,2,2-Tetrachloroethane	.005	U	.005	U	.005	U	.005	U
1,1,2-Trichloroethane	.005	U	.005	U	.005	U	.005	U
1,1-Dichloroethane	.003	J	.003	J	.001	J	.0008	J
1,1-Dichloroethene	.005	U	.005	U	.005	U	.005	U
1,2-Dichlorobenzene	.0006	J	.005	U	.005	U	.005	U
1,2-Dichloroethane	.005	U	.005	U	.005	U	.005	U
1,2-Dichloroethene (Total)	.011		.011		.014		.034	
1,2-Dichloropropane	.005	U	.005	U	.005	U	.005	U
1,3-Dichlorobenzene	.005	U	.005	U	.005	U	.005	U
1,4-Dichlorobenzene	.005	U	.005	U	.005	U	.005	U
2-Butanone	.1	U	.1	U	.1	U	.1	U
4-Methyl-2-Pentanone	.05	U	.05	U	.05	U	.05	U
Acetone	.1	UJ	.1	UJ	N/A		.1	UJ
Benzene	.005	U	.005	U	.005	U	.005	U
Bromodichloromethane	.005	U	.005	U	.005	U	.005	U
Bromoform	.005	U	.005	U	.005	U	.005	U
Bromomethane	.005	U	.005	U	.005	U	.005	U
Carbon Disulfide	.005	U	.005	U	.005	U	.005	U
Carbon Tetrachloride	.005	U	.005	U	.005	U	.005	U
Chlorobenzene	.005	U	.005	U	.005	U	.005	U
Chloroethane	.005	U	.005	U	.005	U	.005	U
Chloroform	.005	U	.005	U	.005	U	.005	U
Chloromethane	.005	U	.005	U	.005	U	.005	U
Cis-1,3-Dichloropropene	.005	U	.005	U	.005	U	.005	U
Dibromochloromethane	.005	U	.005	U	.005	U	.005	U
Ethylbenzene	.005	U	.005	U	.005	U	.005	U
Methyl Tertiary Butyl Ether	.0003	J	.005	U	.005	U	.002	J
Methylene Chloride	.005	U	.005	U	.005	U	.005	U
Styrene	.005	U	.005	U	.005	U	.005	U
Tetrachloroethene	.005	U	.005	U	.0004	J	.005	U
Toluene	.005	U	.005	U	.005	U	.005	U
Trans-1,3-Dichloropropene	.005	U	.005	U	.005	U	.005	U
Trichloroethene	.005	U	.005	U	.001	J	.004	J
Vinyl Chloride	.008		.007		.001	J	.005	

TC.0030.108244

Environmental Baseline Survey Parcel 155B
Analytical Results
Alameda Point, Alameda, California

Point Type:	MW	MW	MW	MW
Point Name:	15-MW1	15-MW1	15-MW2	15-MW3
Sample Identification:	030-CAP-406	030-CAP-409	030-CAP-407	030-CAP-408
Sample Date:	21-JUN-00	21-JUN-00	21-JUN-00	21-JUN-00
Sample Depth:				
Sample Media (Units):	Water (mg/L)	Water (mg/L)	Water (mg/L)	Water (mg/L)
Volatile Organic Compounds				
Xylene (Total)	.005 U	.005 U	.005 U	.005 U

TC.0030.10824

UNDERGROUND STORAGE TANKS
37-13 THROUGH 37-16

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA11-26		CA11-27		CA11-28		CA11-29		CA11-29		CA11-30		CA11-31		CA11-31	
Sample Identification:	030-CAP-172		030-CAP-173		030-CAP-174		030-CAP-175		030-CAP-372		030-CAP-176		030-CAP-177		030-CAP-184	
Sample Date:	04-MAY-00		05-MAY-00		04-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00	
Sample Depth:	4.3 to 5.3		5.0 to 6.0		4.5 to 5.5		6.0 to 7.0		5.0 to 6.0		6.7 to 7.7		6.0 to 7.0		3.0 to 8.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Inorganic Compounds (Dissolved)																
Aluminum	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.1	U
Antimony	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.06	U
Arsenic	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.01	U
Barium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.22	
Beryllium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.004	U
Cadmium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.005	U
Calcium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		63	
Chromium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.01	U
Cobalt	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.05	U
Copper	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.025	U
Iron	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.1	U
Lead	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.003	UJ
Magnesium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		31	
Manganese	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.015	U
Mercury	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.0002	U
Molybdenum	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.02	U
Nickel	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.04	U
Potassium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		5	U
Selenium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.005	U
Silver	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.01	U
Sodium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		28	
Thallium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.005	U
Vanadium	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.05	U
Zinc	N/A		N/A		N/A		N/A		N/A		N/A		N/A		.02	U
Inorganic Compounds (Total)																
Aluminum	4500		6500		4000		7500		10000		7100		9400		N/A	
Antimony	3.4	UJ	3.3	UJ	3.2	UJ	3	UJ	3.1	UJ	3	UJ	3.2	UJ	N/A	
Arsenic	1.3		1.9	J	1.2		2	J	2.4	J	2.5	J	2.1	J	N/A	
Barium	22		33		20		85		83		58		99		N/A	
Beryllium	.14		.15		.12		.15		.16		.15		.15		N/A	
Cadmium	.92		1.4		.81		1.7		1.9		1.6		1.8		N/A	
Calcium	2000	J	3000	J	1800	J	2600	J	3500	J	2500	J	3000	J	N/A	
Chromium	27		25		24		35		32		22		27		N/A	
Cobalt	4.5		5.6		4.1		6.7		8.7		6.2		8		N/A	

TC • 0030.10824

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA11-31		CA11-32		CA11-33		CA11-34		CA11-35		CA11-36		CA11-37	
Sample Identification:	030-CAP-373		030-CAP-178		030-CAP-179		030-CAP-180		030-CAP-181		030-CAP-182		030-CAP-183	030-CAP-185
Sample Date:	05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00	05-MAY-00
Sample Depth:	3.0 to 8.0		6.0 to 7.0		5.5 to 6.5		5.6 to 6.5		5.1 to 6.1		5.8 to 6.8		5.7 to 6.7	3.0 to 8.0
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	Water (mg/L)
Inorganic Compounds (Dissolved)														
Aluminum	.14		N/A		N/A		N/A		N/A		N/A		N/A	.13
Antimony	.06	U	N/A		N/A		N/A		N/A		N/A		N/A	.06 U
Arsenic	.01	U	N/A		N/A		N/A		N/A		N/A		N/A	.01 U
Barium	.21		N/A		N/A		N/A		N/A		N/A		N/A	.24
Beryllium	.004	U	N/A		N/A		N/A		N/A		N/A		N/A	.004 U
Cadmium	.005	U	N/A		N/A		N/A		N/A		N/A		N/A	.005 U
Calcium	60		N/A		N/A		N/A		N/A		N/A		N/A	60
Chromium	.01	U	N/A		N/A		N/A		N/A		N/A		N/A	.01 U
Cobalt	.05	U	N/A		N/A		N/A		N/A		N/A		N/A	.05 U
Copper	.025	U	N/A		N/A		N/A		N/A		N/A		N/A	.025 U
Iron	.1	U	N/A		N/A		N/A		N/A		N/A		N/A	.1 U
Lead	.003	UJ	N/A		N/A		N/A		N/A		N/A		N/A	.003 UJ
Magnesium	29		N/A		N/A		N/A		N/A		N/A		N/A	26
Manganese	.015	U	N/A		N/A		N/A		N/A		N/A		N/A	.26
Mercury	.0002	U	N/A		N/A		N/A		N/A		N/A		N/A	.0002 U
Molybdenum	.02	U	N/A		N/A		N/A		N/A		N/A		N/A	.02 U
Nickel	.04	U	N/A		N/A		N/A		N/A		N/A		N/A	.04 U
Potassium	5	U	N/A		N/A		N/A		N/A		N/A		N/A	5 U
Selenium	.005	U	N/A		N/A		N/A		N/A		N/A		N/A	.005 U
Silver	.01	U	N/A		N/A		N/A		N/A		N/A		N/A	.01 U
Sodium	28		N/A		N/A		N/A		N/A		N/A		N/A	23
Thallium	.005	U	N/A		N/A		N/A		N/A		N/A		N/A	.005 U
Vanadium	.05	U	N/A		N/A		N/A		N/A		N/A		N/A	.05 U
Zinc	.02	U	N/A		N/A		N/A		N/A		N/A		N/A	.02 U
Inorganic Compounds (Total)														
Aluminum	N/A		9100		5200		4900		11000		5300		7300	N/A
Antimony	N/A		3.3	UJ	3.5	UJ	3.1	UJ	3.1	UJ	3.1	UJ	3.2	UJ	N/A
Arsenic	N/A		2.6	J	1.9	J	1.7	J	.26	UJ	2.9	J	1.8	J	N/A
Barium	N/A		67		36		39		19		65		64	N/A
Beryllium	N/A		.18		.16		.14		.19		.14		.14	N/A
Cadmium	N/A		1.9		1.1		1.2		2.3		1.8		1.6	N/A
Calcium	N/A		2700	J	3200	J	2100	J	3300	J	4300	J	2300	J	N/A
Chromium	N/A		26		29		25		.52	U	35		24	N/A
Cobalt	N/A		6.7		5.3		4.5		9.8		4.7		6.3	N/A

TC.0030.10824

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP
Point Name:	CA11-40
Sample Identification:	030-CAP-185A
Sample Date:	15-JUN-00
Sample Depth:	6.0 to 10.0
Sample Media (Units):	Water (mg/L)

Inorganic Compounds (Dissolved)

Aluminum	N/A
Antimony	N/A
Arsenic	N/A
Barium	N/A
Beryllium	N/A
Cadmium	N/A
Calcium	N/A
Chromium	N/A
Cobalt	N/A
Copper	N/A
Iron	N/A
Lead	N/A
Magnesium	N/A
Manganese	N/A
Mercury	N/A
Molybdenum	N/A
Nickel	N/A
Potassium	N/A
Selenium	N/A
Silver	N/A
Sodium	N/A
Thallium	N/A
Vanadium	N/A
Zinc	N/A

Inorganic Compounds (Total)

Aluminum	N/A
Antimony	N/A
Arsenic	N/A
Barium	N/A
Beryllium	N/A
Cadmium	N/A
Calcium	N/A
Chromium	N/A
Cobalt	N/A

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA11-26		CA11-27		CA11-28		CA11-29		CA11-29		CA11-30		CA11-31		CA11-31	
Sample Identification:	030-CAP-172		030-CAP-173		030-CAP-174		030-CAP-175		030-CAP-372		030-CAP-176		030-CAP-177		030-CAP-184	
Sample Date:	04-MAY-00		05-MAY-00		04-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00	
Sample Depth:	4.3 to 5.3		5.0 to 6.0		4.5 to 5.5		6.0 to 7.0		5.0 to 6.0		6.7 to 7.7		6.0 to 7.0		3.0 to 8.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Inorganic Compounds (Total)																
Copper	5.4		10		4.9		15		19		23		21		N/A	
Iron	7600	J	13000	J	6800	J	16000	J	18000	J	14000	J	17000	J	N/A	
Lead	1.5		19		1.4		3.1		3.6		5.6		3.6		N/A	
Magnesium	2400		3600		2100		6500		7300		5300		6200		N/A	
Manganese	92	J	160	J	78	J	530	J	480	J	370	J	440	J	N/A	
Mercury	.043	U	.14	UJ	.041	U	.039	U	.042	U	.042	U	.042	U	N/A	
Molybdenum	1.1	U	1.1	U	1.1	U	1	U	1	U	1	U	1.1		N/A	
Nickel	29		28		26		51		55		37		48		N/A	
Potassium	540	J	540	J	470	J	640	J	770	J	710	J	630	J	N/A	
Selenium	.28	U	.4		.26	U	.41		.43		.36		.59		N/A	
Silver	.28	U	.27	U	.26	U	.25	U	.26	U	.25	U	.27	U	N/A	
Sodium	69		110		56		77		100		72		170		N/A	
Thallium	.28	U	.33		.26	U	.8		.9		.62		.87		N/A	
Vanadium	18		21		16		18		24		17		20		N/A	
Zinc	17		29		15		31		33		35		34		N/A	
Volatile Organic Compounds																
1,1,1-Trichloroethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
1,1,2,2-Tetrachloroethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
1,1,2-Trichloroethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
1,1-Dichloroethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
1,1-Dichloroethene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
1,2,4-Trimethylbenzene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
1,2-Dichloroethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
1,2-Dichloropropane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
1,3,5-Trimethylbenzene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Benzene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.0005	UJ
Bromodichloromethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Bromoform	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Bromomethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.005	UJ
Carbon Tetrachloride	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Chlorobenzene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Chloroethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.005	UJ
Chloroform	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Chloromethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.005	UJ

TC.0030.108 2

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP
Point Name:	CA11-31		CA11-32		CA11-33		CA11-34		CA11-35		CA11-36		CA11-37		CA11-37
Sample Identification:	030-CAP-373		030-CAP-178		030-CAP-179		030-CAP-180		030-CAP-181		030-CAP-182		030-CAP-183		030-CAP-185
Sample Date:	05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00
Sample Depth:	3.0 to 8.0		6.0 to 7.0		5.5 to 6.5		5.6 to 6.5		5.1 to 6.1		5.8 to 6.8		5.7 to 6.7		3.0 to 8.0
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)
Inorganic Compounds (Total)															
Copper	N/A		22		8.6		9.1		4		26		16		N/A
Iron	N/A		17000	J	10000	J	9200	J	22000	J	10000	J	15000	J	N/A
Lead	N/A		7.7		5.6		13		.3		140		2.9		N/A
Magnesium	N/A		4400		2700		2500		7100		3700		6200		N/A
Manganese	N/A		340	J	120	J	200	J	530	J	150	J	450	J	N/A
Mercury	N/A		.14	UJ	.18	UJ	.24	UJ	.041	U	.26		.04	U	N/A
Molybdenum	N/A		1.1	U	1.2	U	1	U	1	U	1	U	1.1	U	N/A
Nickel	N/A		41		34		29		11		36		48		N/A
Potassium	N/A		750	J	620	J	570	J	610	J	510	J	640	J	N/A
Selenium	N/A		.27	U	.29	U	.31		.47		.39		.42		N/A
Silver	N/A		.27	U	.29	U	.26	U	.26	U	1.5		.27	U	N/A
Sodium	N/A		87		86		78		140		160		54		N/A
Thallium	N/A		.63		.29	U	.5		.89		.26	U	.8		N/A
Vanadium	N/A		27		19		18		33		18		17		N/A
Zinc	N/A		35	J	22	J	32	J	19	J	89	J	30	J	N/A
Volatile Organic Compounds															
1,1,1-Trichloroethane	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
1,1,2,2-Tetrachloroethane	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
1,1,2-Trichloroethane	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
1,1-Dichloroethane	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
1,1-Dichloroethene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
1,2,4-Trimethylbenzene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
1,2-Dichloroethane	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
1,2-Dichloropropane	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
1,3,5-Trimethylbenzene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Benzene	.0005	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Bromodichloromethane	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Bromoform	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Bromomethane	.005	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Carbon Tetrachloride	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Chlorobenzene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Chloroethane	.005	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Chloroform	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Chloromethane	.005	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A

TC.0030.10824

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP
Point Name:	CA11-40
Sample Identification:	030-CAP-185A
Sample Date:	15-JUN-00
Sample Depth:	6.0 to 10.0
Sample Media (Units):	Water (mg/L)

Inorganic Compounds (Total)		
Copper	N/A	
Iron	N/A	
Lead	N/A	
Magnesium	N/A	
Manganese	N/A	
Mercury	N/A	
Molybdenum	N/A	
Nickel	N/A	
Potassium	N/A	
Selenium	N/A	
Silver	N/A	
Sodium	N/A	
Thallium	N/A	
Vanadium	N/A	
Zinc	N/A	
Volatile Organic Compounds		
1,1,1-Trichloroethane	.001	U
1,1,2,2-Tetrachloroethane	.001	U
1,1,2-Trichloroethane	.001	U
1,1-Dichloroethane	.001	U
1,1-Dichloroethene	.001	U
1,2,4-Trimethylbenzene	.001	U
1,2-Dichloroethane	.001	U
1,2-Dichloropropane	.001	U
1,3,5-Trimethylbenzene	.001	U
Benzene	.0005	U
Bromodichloromethane	.001	U
Bromoform	.001	U
Bromomethane	.005	UJ
Carbon Tetrachloride	.001	U
Chlorobenzene	.001	U
Chloroethane	.005	U
Chloroform	.001	U
Chloromethane	.005	U

TC.0030.10824

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP	
Point Name:	CA11-26		CA11-27		CA11-28		CA11-29		CA11-29		CA11-30		CA11-31		CA11-31	
Sample Identification:	030-CAP-172		030-CAP-173		030-CAP-174		030-CAP-175		030-CAP-372		030-CAP-176		030-CAP-177		030-CAP-184	
Sample Date:	04-MAY-00		05-MAY-00		04-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00	
Sample Depth:	4.3 to 5.3		5.0 to 6.0		4.5 to 5.5		6.0 to 7.0		5.0 to 6.0		6.7 to 7.7		6.0 to 7.0		3.0 to 8.0	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)	
Volatile Organic Compounds																
Cis-1,2-Dichloroethene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Cis-1,3-Dichloropropene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Dibromochloromethane	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Ethylbenzene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
M,P-Xylene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Methyl Tertiary Butyl Ether	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.002	UJ
Methylene Chloride	.011	U	.016	UJ	.01	U	.029	UJ	.16	J	.018	UJ	.023	UJ	.002	UJ
O-Xylene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Styrene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Tetrachloroethene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Toluene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Trans-1,2-Dichloroethene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Trans-1,3-Dichloropropene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Trichloroethene	.011	U	.011	UJ	.01	U	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.001	UJ
Vinyl Chloride	.011	UJ	.011	UJ	.01	UJ	.0096	UJ	.01	UJ	.011	UJ	.01	UJ	.0005	UJ

TC.0030.10826

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP		GP		GP		GP
Point Name:	CA11-31		CA11-32		CA11-33		CA11-34		CA11-35		CA11-36		CA11-37		CA11-37
Sample Identification:	030-CAP-373		030-CAP-178		030-CAP-179		030-CAP-180		030-CAP-181		030-CAP-182		030-CAP-183		030-CAP-185
Sample Date:	05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00		05-MAY-00
Sample Depth:	3.0 to 8.0		6.0 to 7.0		5.5 to 6.5		5.6 to 6.5		5.1 to 6.1		5.8 to 6.8		5.7 to 6.7		3.0 to 8.0
Sample Media (Units):	Water (mg/L)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Water (mg/L)
Volatile Organic Compounds															
Cis-1,2-Dichloroethene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Cis-1,3-Dichloropropene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Dibromochloromethane	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Ethylbenzene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
M,P-Xylene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.0059	J	.0097	UJ	.0099	UJ	N/A
Methyl Tertiary Butyl Ether	.002	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Methylene Chloride	.002	UJ	.021	UJ	.1	J	.03	UJ	.068	J	.024	UJ	.016	UJ	N/A
O-Xylene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Styrene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Tetrachloroethene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Toluene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Trans-1,2-Dichloroethene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Trans-1,3-Dichloropropene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Trichloroethene	.001	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A
Vinyl Chloride	.0005	UJ	.01	UJ	.012	UJ	.01	UJ	.01	UJ	.0097	UJ	.0099	UJ	N/A

TC.0030.10824

Underground Storage Tanks 37-13 through 37-16
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP	
Point Name:	CA11-40	
Sample Identification:	030-CAP-185A	
Sample Date:	15-JUN-00	
Sample Depth:	6.0 to 10.0	
Sample Media (Units):	Water (mg/L)	
Volatile Organic Compounds		
Cis-1,2-Dichloroethene	.001	U
Cis-1,3-Dichloropropene	.001	U
Dibromochloromethane	.001	U
Ethylbenzene	.001	U
M,P-Xylene	.001	U
Methyl Tertiary Butyl Ether	.002	U
Methylene Chloride	.002	U
O-Xylene	.001	U
Styrene	.001	U
Tetrachloroethene	.001	U
Toluene	.001	U
Trans-1,2-Dichloroethene	.001	U
Trans-1,3-Dichloropropene	.001	U
Trichloroethene	.001	U
Vinyl Chloride	.0005	U

TC.0030.10825

UNDERGROUND STORAGE TANK 615-4

Underground Storage Tank 615-4
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP	
Point Name:	CA05-06		CA05-06		CA05-07		CA05-08		CA05-09	
Sample Identification:	030-CAP-072		030-CAP-371		030-CAP-074		030-CAP-076		030-CAP-078	
Sample Date:	09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00	
Sample Depth:	4.0 to 4.7		3.5 to 4.0		4.0 to 4.7		4.0 to 4.7		4.0 to 4.7	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	
Semi Volatile Organic Compounds										
1,2,4-Trichlorobenzene	.41	U	.4	U	8	U	.37	U	.38	U
2,2'-Oxybis(1-Chloropropane)	.41	UJ	.4	UJ	8	UJ	.37	UJ	.38	U
2,4,5-Trichlorophenol	1.9	U	1.9	U	38	U	1.8	U	1.8	U
2,4,6-Trichlorophenol	.41	U	.4	U	8	U	.37	U	.38	U
2,4-Dichlorophenol	.41	U	.4	U	8	U	.37	U	.38	U
2,4-Dimethylphenol	.41	U	.4	U	8	U	.37	U	.38	U
2,4-Dinitrophenol	1.9	U	1.9	U	38	U	1.8	U	1.8	UJ
2,4-Dinitrotoluene	.41	U	.4	U	8	U	.37	U	.38	U
2,6-Dinitrotoluene	.41	U	.4	U	8	U	.37	U	.38	U
2-Chloronaphthalene	.41	U	.4	U	8	U	.37	U	.38	U
2-Chlorophenol	.41	U	.4	U	8	U	.37	U	.38	U
2-Methylnaphthalene	.41	U	.4	U	8	U	.37	U	.38	U
2-Methylphenol	.41	U	.4	U	8	U	.37	U	.38	U
2-Nitroaniline	1.9	U	1.9	U	38	U	1.8	U	1.8	U
2-Nitrophenol	1.9	U	1.9	U	38	U	1.8	U	1.8	U
3,3'-Dichlorobenzidine	1.9	UJ	1.9	UJ	38	UJ	1.8	UJ	1.8	U
3,4-Methylphenol	.41	U	.4	U	8	U	.37	U	.38	U
3-Nitroaniline	1.9	U	1.9	U	38	U	1.8	U	1.8	U
4,6-Dinitro-2-Methylphenol	1.9	U	1.9	U	38	U	1.8	U	1.8	U
4-Bromophenyl-Phenylether	.41	U	.4	U	8	U	.37	U	.38	U
4-Chloro-3-Methylphenol	.41	U	.4	U	8	U	.37	U	.38	U
4-Chloroaniline	.41	U	.4	U	8	U	.37	U	.38	U
4-Chlorophenyl-Phenylether	.41	U	.4	U	8	U	.37	U	.38	U
4-Nitroaniline	1.9	U	1.9	U	38	UJ	1.8	U	1.8	U
4-Nitrophenol	1.9	U	1.9	U	38	U	1.8	U	1.8	U
Acenaphthene	.41	U	.4	U	8	U	.37	U	.38	U
Acenaphthylene	.41	U	.4	U	8	U	.37	U	.38	U
Anthracene	.41	U	.4	U	8	U	.37	U	.38	U
Benzo(A)Anthracene	.41	U	.4	U	8	U	.37	U	.38	U
Benzo(A)Pyrene	.41	U	.4	UJ	8	U	.37	UJ	.38	U
Benzo(B,K)Fluoranthene	.41	U	.4	UJ	8	U	.37	UJ	.38	U
Benzo(G,H,I)Perylene	.41	UJ	.4	UJ	8	UJ	.37	UJ	.38	U
Bis(2-Chloroethoxy)Methane	.41	U	.4	U	8	U	.37	U	.38	U
Bis(2-Chloroethyl)Ether	.41	U	.4	U	8	U	.37	U	.38	U
Bis(2-Ethylhexyl)Phthalate	.59	UJ	.4	U	8	U	.37	U	.38	U

TC.0030.10824

Underground Storage Tank 615-4
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP	
Point Name:	CA05-06		CA05-06		CA05-07		CA05-08		CA05-09	
Sample Identification:	030-CAP-072		030-CAP-371		030-CAP-074		030-CAP-076		030-CAP-078	
Sample Date:	09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00	
Sample Depth:	4.0 to 4.7		3.5 to 4.0		4.0 to 4.7		4.0 to 4.7		4.0 to 4.7	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	
Semi Volatile Organic Compounds										
Butylbenzylphthalate	.41	U	.4	U	8	U	.37	U	.38	U
Carbazole	.41	U	.4	U	8	UJ	.37	U	.38	U
Chrysene	.41	UJ	.4	UJ	8	UJ	.37	UJ	.38	U
Di-N-Butylphthalate	.41	U	.4	U	8	U	.37	U	.38	U
Di-N-Octylphthalate	.41	U	.4	UJ	8	U	.37	UJ	.38	U
Dibenzo(A,H)Anthracene	.41	UJ	.4	UJ	8	UJ	.37	UJ	.38	U
Dibenzofuran	.41	U	.4	U	8	U	.37	U	.38	U
Diethylphthalate	.41	U	.4	U	8	U	.37	U	.38	U
Dimethylphthalate	.41	U	.4	U	8	U	.37	U	.38	U
Fluoranthene	.41	U	.4	U	8	U	.37	U	.38	U
Fluorene	.41	UJ	.4	UJ	8	U	.37	UJ	.38	U
Hexachlorobenzene	.41	U	.4	U	8	U	.37	U	.38	U
Hexachlorobutadiene	.41	U	.4	U	8	U	.37	U	.38	U
Hexachlorocyclopentadiene	1.9	U	1.9	U	38	U	1.8	U	1.8	U
Hexachloroethane	.41	U	.4	U	8	U	.37	U	.38	U
Indeno(1,2,3-Cd)Pyrene	.41	U	.4	UJ	8	UJ	.37	UJ	.38	U
Isophorone	.41	UJ	.4	UJ	8	U	.37	UJ	.38	U
N-Nitroso-Di-N-Propylamine	.41	UJ	.4	UJ	8	UJ	.37	UJ	.38	U
N-Nitrosodiphenylamine	.41	U	.4	U	8	U	.37	U	.38	U
Naphthalene	.41	U	.4	U	8	U	.37	U	.38	U
Nitrobenzene	.41	U	.4	U	8	U	.37	U	.38	U
Pentachlorophenol	1.9	U	1.9	U	38	U	1.8	U	1.8	U
Phenanthrene	.41	U	.4	U	8	U	.37	U	.38	U
Phenol	.41	U	.4	U	8	U	.37	U	.38	U
Pyrene	.41	U	.4	U	8	U	.37	U	.38	U
TPH Extractable Compounds										
Diesel-range Organics	21	J	77	J	1200	J	15	J	4.2	J
Motor-oil-range Organics	70		150		120	U	29		11	U
TPH Purgeable Compounds										
Gasoline-range Organics	3.6	J	.57	U	230000	J	19	J	4	J

TC.0030.10826

Underground Storage Tank 615-4
Analytical Results
Alameda Point, Alameda, California

Point Type:	GP		GP		GP		GP		GP	
Point Name:	CA05-06		CA05-06		CA05-07		CA05-08		CA05-09	
Sample Identification:	030-CAP-072		030-CAP-371		030-CAP-074		030-CAP-076		030-CAP-078	
Sample Date:	09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00		09-MAY-00	
Sample Depth:	4.0 to 4.7		3.5 to 4.0		4.0 to 4.7		4.0 to 4.7		4.0 to 4.7	
Sample Media (Units):	Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)		Soil (mg/kg)	
Volatile Organic Compounds										
1,2-Dichlorobenzene	.41	U	.4	U	8	U	.37	U	.38	U
1,3-Dichlorobenzene	.41	U	.4	U	8	U	.37	U	.38	U
1,4-Dichlorobenzene	.41	U	.4	U	8	U	.37	U	.38	U

TC.0030.10824

OPERABLE UNIT 3

Operable Unit-3
Analytical Results
Alameda Point, Alameda, California

Point Type:	MW		MW		MW		MW		MW		MW		MW		MW	
Point Name:	M001-A		M002-A		M003-A		M026-A		M027-A		M027-A		M029-A		M030-A	
Sample Identification:	030-CAP-252		030-CAP-253		030-CAP-254		030-CAP-246		030-CAP-247		030-CAP-381		030-CAP-251		030-CAP-255	
Sample Date:	03-MAY-00		02-MAY-00		04-MAY-00		05-MAY-00		04-MAY-00		04-MAY-00		03-MAY-00		04-MAY-00	
Sample Depth:																
Sample Media (Units):	Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds																
1,1,1-Trichloroethane	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethane	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,1-Dichloroethene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,2,4-Trimethylbenzene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,2-Dichloroethane	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,2-Dichloropropane	**.0009**	J	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,3,5-Trimethylbenzene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
1,4-Dioxane	.2	UJ	.2	UJ	.2	UJ	.2	UJ	.2	UJ	.2	UJ	.2	UJ	.2	UJ
Benzene	.0005	U	.0005	U	.0005	U	.0005	UJ	.0005	U	.0005	U	**.0033**		.0005	U
Bromodichloromethane	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Bromoform	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Bromomethane	.005	U	.005	U	.005	U	.005	UJ	.005	U	.005	U	.005	U	.005	U
Carbon Tetrachloride	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Chlorobenzene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Chloroethane	.005	U	.005	U	.005	U	.005	UJ	.005	U	.005	U	.005	U	.005	U
Chloroform	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Chloromethane	.005	U	.005	U	.005	U	.005	UJ	.005	U	.005	U	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	**.0077**		.001	U	.001	UJ	**.0023**		**.0023**		.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Ethylbenzene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
M,P-Xylene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Methylene Chloride	.002	U	.002	U	.002	U	.002	UJ	.002	U	.002	U	.002	U	.002	U
O-Xylene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Styrene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Tetrachloroethene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Toluene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Trans-1,2-Dichloroethene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U	.001	U	.001	UJ	.001	U	.001	U	.001	U	.001	U
Trichloroethene	.001	U	**.0049**		.001	J	.001	UJ	.001	U	.001	U	.001	U	.001	U
Vinyl Chloride	.0005	U	.0005	U	.0005	U	.0005	UJ	.0005	U	.0005	U	**.0005**		.0005	U

Operable Unit-3
Analytical Results
Alameda Point, Alameda, California

Point Type:	MW		MW	
Point Name:	M033-A		M034-A	
Sample Identification:	030-CAP-250		030-CAP-249	
Sample Date:	04-MAY-00		04-MAY-00	
Sample Depth:				
Sample Media (Units):	Water (mg/L)		Water (mg/L)	
Volatile Organic Compounds				
1,1,1-Trichloroethane	.001	U	.001	U
1,1,2,2-Tetrachloroethane	.001	U	.001	U
1,1,2-Trichloroethane	.001	U	.001	U
1,1-Dichloroethane	.001	U	**.0006**	J
1,1-Dichloroethene	.001	U	.001	U
1,2,4-Trimethylbenzene	.001	U	**.015**	
1,2-Dichloroethane	.001	U	.001	U
1,2-Dichloropropane	.001	U	.001	U
1,3,5-Trimethylbenzene	.001	U	**.0021**	
1,4-Dioxane	.2	UJ	.2	UJ
Benzene	**.0009**		**.038**	
Bromodichloromethane	.001	U	.001	U
Bromoform	.001	U	.001	U
Bromomethane	.005	U	.005	U
Carbon Tetrachloride	.001	U	.001	U
Chlorobenzene	.001	U	**.015**	
Chloroethane	.005	U	.005	U
Chloroform	.001	U	.001	U
Chloromethane	.005	U	.005	U
Cis-1,2-Dichloroethene	.001	U	.001	U
Cis-1,3-Dichloropropene	.001	U	.001	U
Dibromochloromethane	.001	U	.001	U
Ethylbenzene	.001	U	**.0064**	
M,P-Xylene	.001	U	**.015**	
Methylene Chloride	.002	U	.002	U
O-Xylene	.001	U	**.0006**	J
Styrene	.001	U	.001	U
Tetrachloroethene	.001	U	.001	U
Toluene	.001	U	**.0011**	
Trans-1,2-Dichloroethene	.001	U	.001	U
Trans-1,3-Dichloropropene	.001	U	.001	U
Trichloroethene	.001	U	.001	U
Vinyl Chloride	.0005	U	.0005	U

APPENDIX E
GEOPHYSICAL SUBSURFACE INVESTIGATION REPORT

subtronic corp.

Complete Professionals for Utilities
Location, Mapping, Inspection & Leaks

2099-C Arnold Industrial Way
Concord, California 94520
Telephone (925) 686-3747
Fax No. (925) 686-5281

September 25, 2000

GEOPHYSICAL SUBSURFACE INVESTIGATION
for
Uribe & Associates
at
Alameda Naval Air Station
Alameda, California

SUBJECT
Geophysical subsurface investigation for underground storage tanks

SITE LOCATION AND DESCRIPTION
On June 14, 2000 Subtronic conducted subsurface geophysical survey at a property located at Alameda Naval Air Station, Alameda, CA. The area surveyed comprised the area to the south of Building 398, approximately 130' long and 25' wide and a corresponding area inside the building.

GEOPHYSICAL EQUIPMENT
The specialized equipment used at the site includes a RD 400, TW-6 M-Scope, and GSSI System 3 ground penetrating radar (GPR).

Radiodetection RD 400 Cable and Pipe Tracer
The RD 400-cable locator is a hand-held instrument used to detect buried utilities. The primary application of the RD 400 is to pinpoint the path of electric lines and other power conductors such as CATV and telephone cables. Pipes made of steel or copper and pipes with tracer wire are also easily traced.

TW-6 M-Scope
The Fisher TW-6 M-Scope is a split box inductive locator mounted on a four foot rod. The split box locator can detect metal lines and metal objects by imposing a signal onto a conductor from an electromagnetic field set up by an a.c. generator and detecting the signal by amplifying the tiny voltages induced by its field in the receivers antennae.
It is used to locate buried metal pipes and large cables, buried valve and manhole covers and buried drums and tanks.

GSSI System 3
A ground penetrating radar system graphically records subsurface structures. Both geological and manmade structures are recorded by the introduction of a pulse of electromagnetic energy into the ground. Reflected pulses received by the antenna are then processed for measurable contrast in electrical properties. The result is a visual pseudo-cross-sectional profile.

Primary applications of the GPR are detecting UST's, buried drums, previously excavated areas, i.e., UST excavation, and detecting metallic and non-metallic utilities.

The GPR depth penetration is severely limited by clay-rich soil. Radar waves penetrate deeper in sandy and gravelly soils.

Subsurface ML-1M magnetic locator
The ML-1M is a hand-held magnetic locator designed to detect magnetic objects made of iron and steel buried up to a depth of eight feet below surface.
Primary applications of the magnetic locator are locating UST's, buried drums and underground pipes.

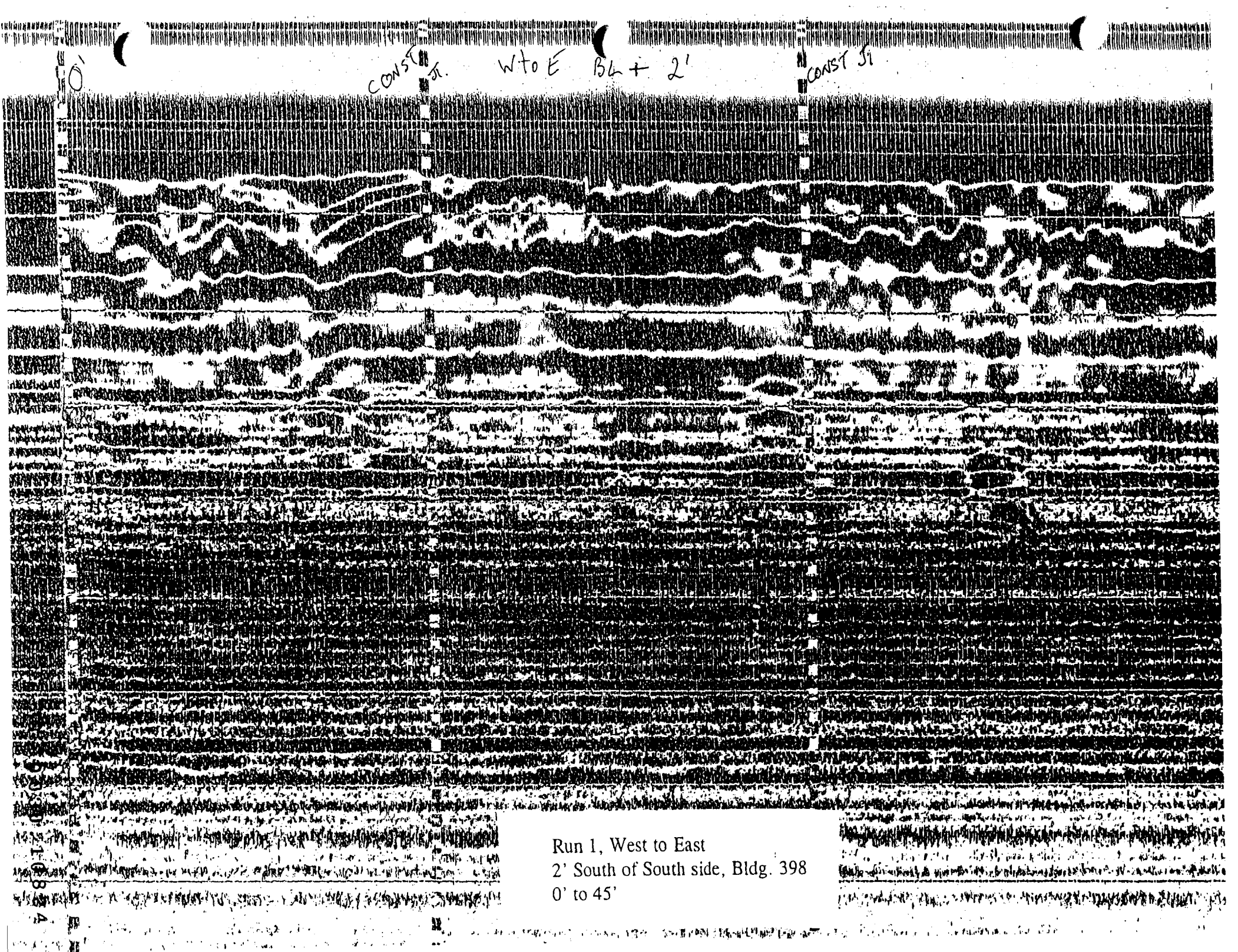
SURVEY METHODOLOGY

First, a visual inspection was conducted at each site. Underground utilities, vaults, boxes, exposed piping, topographic mounds and depressions were noted. Exposed piping or risers found on the site were energized, traced out and the surface location was spray painted on the ground.
The split box locator was used to scan the site in both directions, and utilities not detected by the locator were marked on the ground. Unidentified anomalies were marked for further investigation with G.P.R. The radar system profiled lines on three-foot centers, some of the graphic records are enclosed with this report.

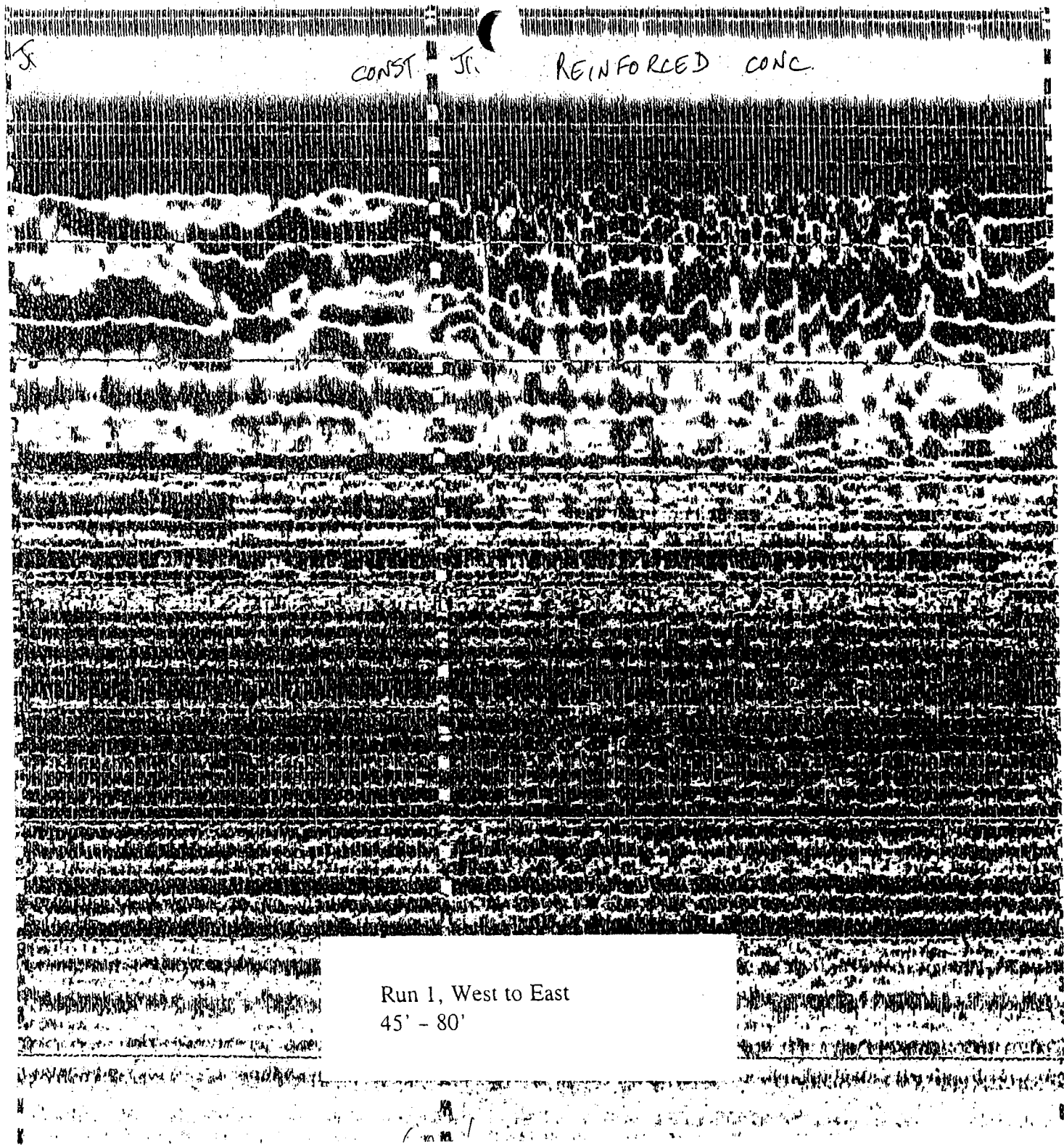
RESULTS OF THE SUBSURFACE INVESTIGATION

The results of the electromagnetic field survey identified some utilities including sewer and water and an area of reinforced concrete over part of the paved area adjacent the roll-up door. Ground penetrating radar scans were run over the length of the site and also inside the building on approximate five-foot centers. The results confirmed utility locations but did not yield any indications of the presence of underground storage tanks. A difference was noted in solid properties to the South of Building 398 at the east end. This may indicate an area of backfill such as a UST grave.

Report Prepared By: J. C. Taylor

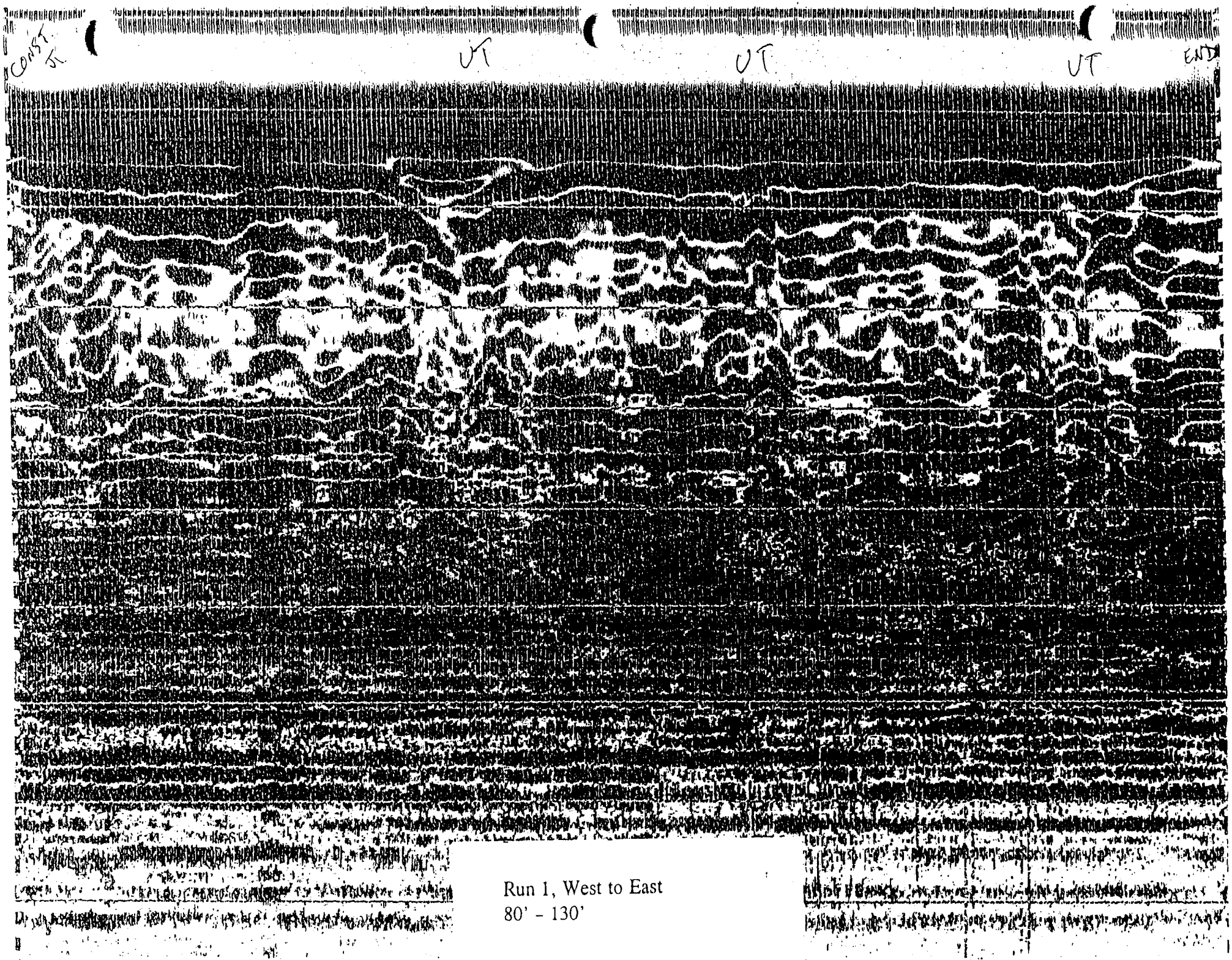


Run 1, West to East
2' South of South side, Bldg. 398
0' to 45'



Run 1, West to East
45' - 80'

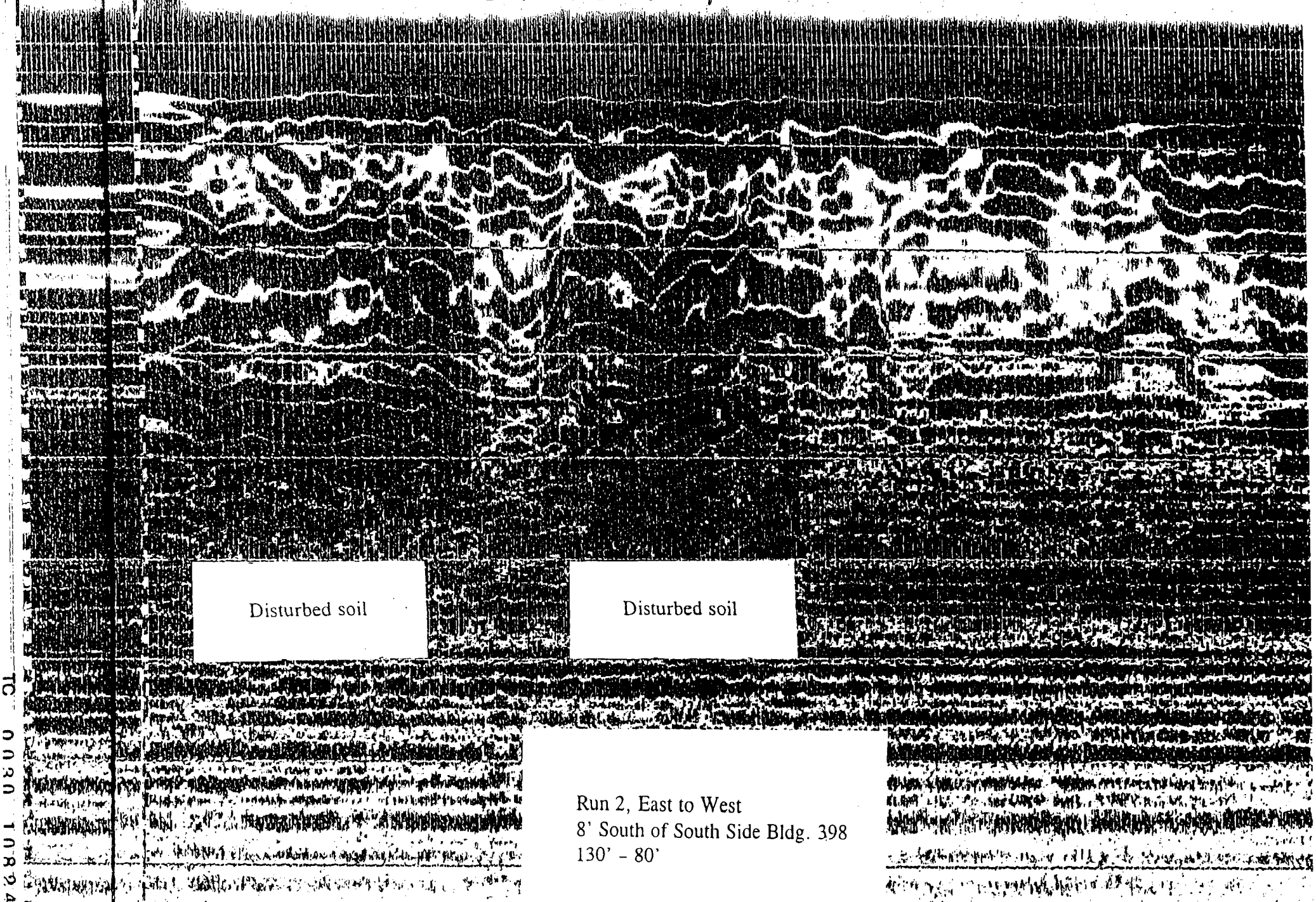
TC.0030.10824



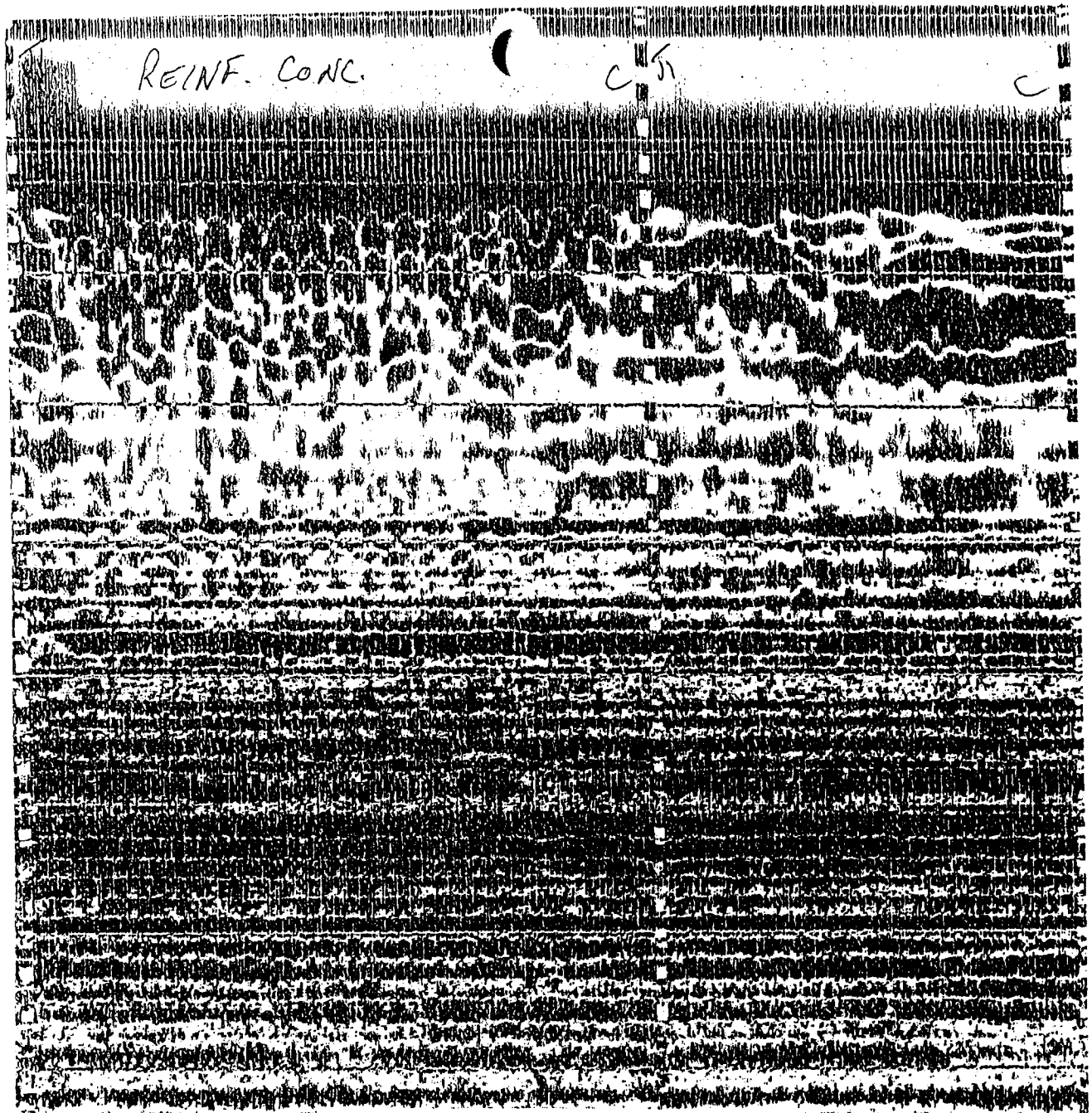
Run 1, West to East
80' - 130'

TC. 0030.10824

E to W BL + 8'

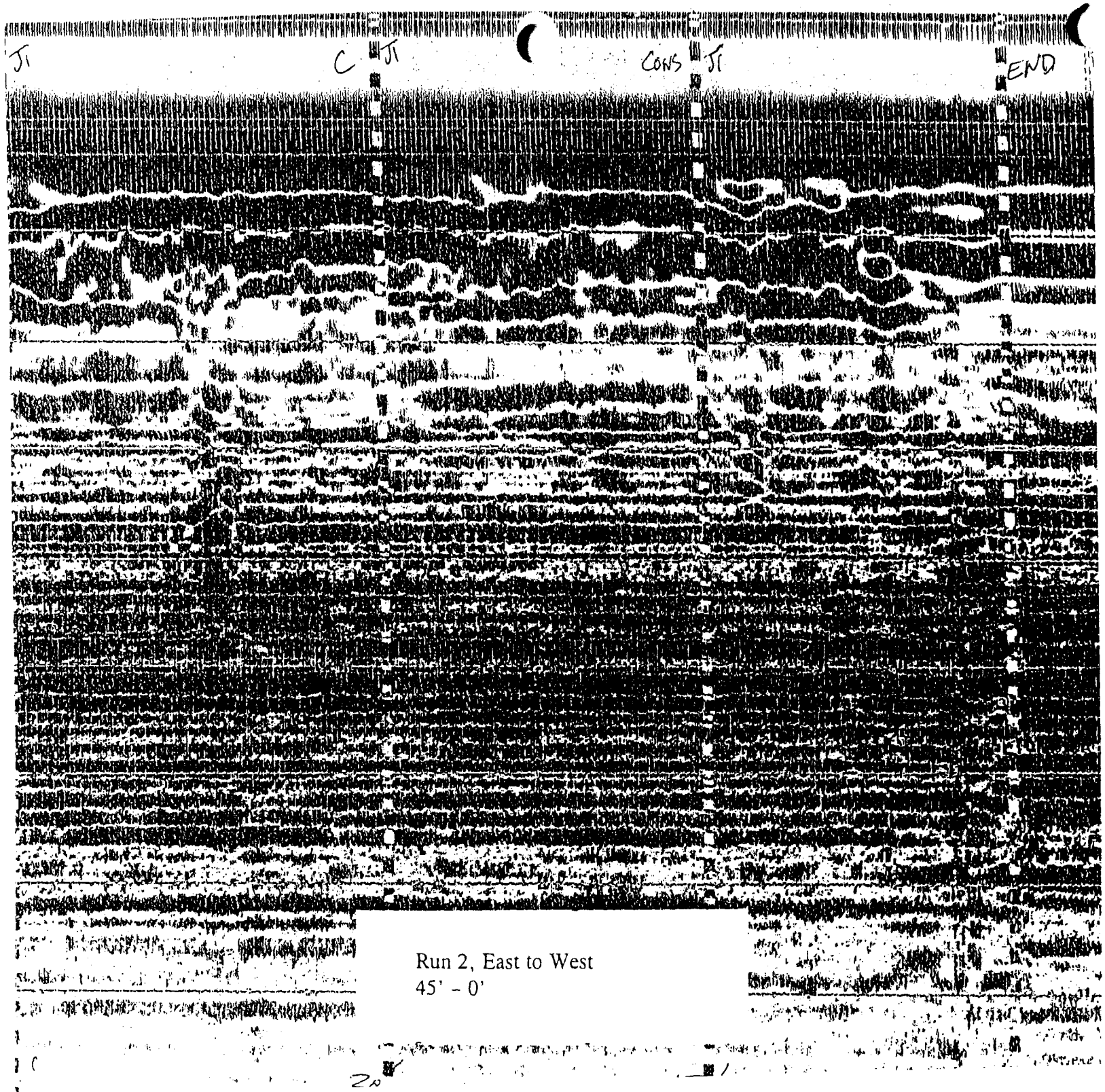


TC 0020 10824



Run 2, East to West
80' - 45'

TC.0030.10824



Run 2, East to West
45' - 0'

TC . 0030 . 10824