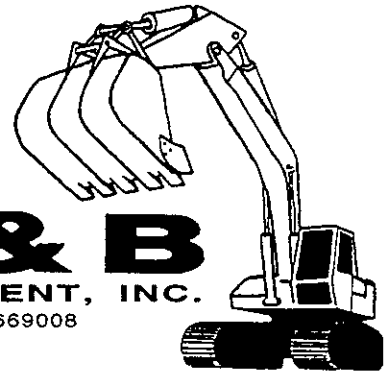


SEP OCT -6 PM 9
September 17, 1998

Mr. Joel R. Rubnitz
Archstone Communities
22320 Foothill Boulevard, 2nd Floor
Hayward, CA 94541

R & B
EQUIPMENT, INC.
CA LICENSE 669008



**RE: TANK CLOSURE REPORT
5054 HAVENS PLACE
DUBLIN, CA**

Dear Mr. Rubnitz:

R&B Equipment Inc. (R&B) was hired to excavate and dispose of one underground diesel storage tank at the above referenced site in Dublin. The tank was discovered in a field by a bulldozer operator during a grading operation for the construction of townhomes.

The diesel tank was approximately 250 gallons in capacity and was ruptured in half by the rippers on the bulldozer. Some residual product remained in the tank and was removed by American Valley Environmental Service with a vacuum truck.

R&B applied for and received a permits from the Alameda County Environmental Health Department, Alameda County Fire Department and the City of Dublin Building Department,. Bay Area Air Quality Management District (BAAQMD) was notified of the project by fax.

On August 4, 1998, R&B mobilized a crew and equipment and commenced field operations. The soil above and adjacent to the tank was excavated and placed on visqueen. The two tank halves were places on a flat bed truck and disposed of at Ecology Control Industries (ECI) in Richmond, California.

A single soil sample was collected from the bottom of the tank pit at 10 feet bgs (below grade surface). One sample was also collected from the soil stockpile. The soil samples were all collected using the backhoe. A pre-cleaned brass tube was advanced in the soil retrieved in the backhoe bucket. The samples were taken to a state certified laboratory on ice and under proper chain of custody. The enclosed chain of custody and site plan describe the sample depths, locations and the analysis requested.

The two samples were analyzed for tph-d (total petroleum hydrocarbons as diesel) and BTXE (benzene, toluene, xylene and ethyl-benzene). The laboratory reported diesel contamination at 960 ppm and 820 ppm respectively. The results were faxed to the Health Dept.

On August 20, R&B re-mobilize the backhoe and further excavated the tank pit to 15 feet bgs. Ground water appeared in the pit at 15 feet bgs and recharged to 14 feet bgs. The pit was re-sampled under the witness of the Health Dept. A single soil sample was collected from

Mr. Joel R. Rubnitz
September 17, 1998

the North sidewall at 14 feet bgs. A water sample was also collected from the groundwater. The samples were analyzed for TPH-d and BTXE as before.

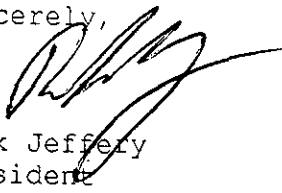
The laboratory again reported diesel contamination at 620 ppm and 11,000 ppm respectively.

The water that had accumulated in the tank pit was removed by American Valley Environmental Service. The excavation was backfilled with on-site soil. The fill material was compacted to 90% as confirmed by Kleinfelder Consultants.

The stockpile of diesel contaminated soil (approx 60 tons) was disposed of as class II waste at Altamont Landfill.

Please call me if you have any questions regarding this project.

Sincerely,

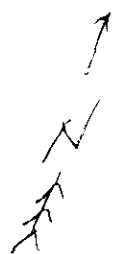
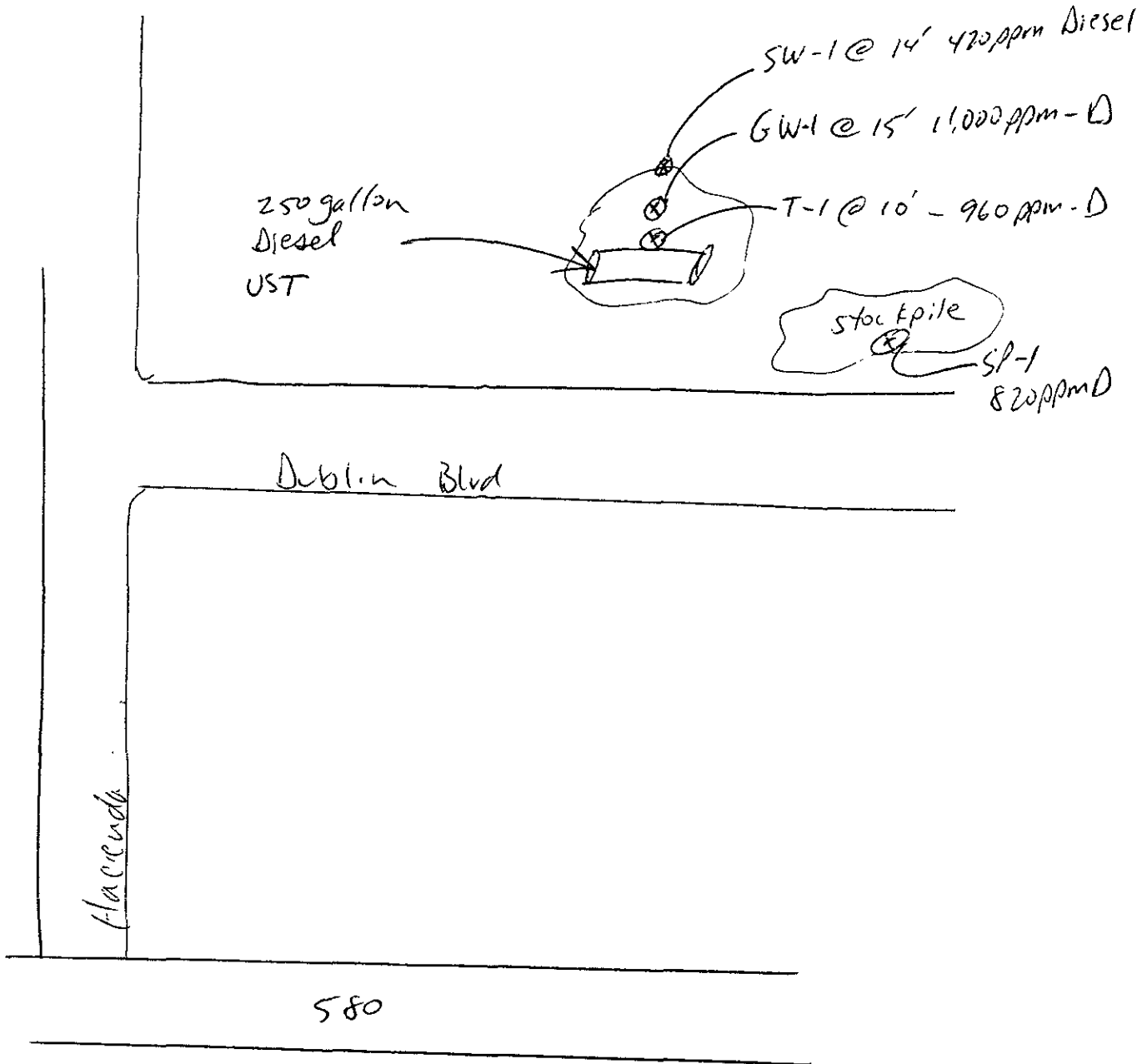


Rick Jeffery
President

enclosures

5054 Havens Place
(new development)

Sampled 8/4/98 and 8/19/98





McCAMPBELL ANALYTICAL INC.

110 2nd Ave. South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

Reese Construction 26133 Parkside Drive Hayward, CA 94542	Client Project ID: Dublin Tank	Date Sampled: 08/04/98
		Date Received: 08/05/98
	Client Contact: Tom Reese	Date Extracted: 08/05/98
	Client P.O:	Date Analyzed: 08/05/98

08/12/98

Dear Tom:

Enclosed are:

- 1). the results of 2 samples from your **Dublin Tank** project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director



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Reese Construction 26133 Parkside Drive Hayward, CA 94542	Client Project ID: Dublin Tank	Date Sampled: 08/04/98
		Date Received: 08/05/98
	Client Contact: Tom Reese	Date Extracted: 08/05/98
	Client P.O:	Date Analyzed: 08/05-08/06/98

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g) ⁺	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
93129	T-1	S	---	---	ND	0.024	ND	0.60	105
93130	SP-1	S	---	---	ND	0.028	ND	0.15	101
Reporting Limit unless otherwise stated, ND means not detected above the reporting limit	W		50 ug/L	5.0	0.5	0.5	0.5	0.5	
	S		1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* Water and vapor samples are reported in ug/L, wipe samples in ug per sq. ft. and sludge samples in mg/kg dry wt. (1000 mg/kg = 0.1%)

--- indicates that sample peak coelutes with surrogate peak

The following descriptions of the TPH chromatogram are consistent with the McCampbell Analytical's response to a client request for an unmodified or weakly modified gasoline as significant hydrocarbon range compounds and significant gasoline range compounds (the hydrocarbon range compounds significant to gasoline range compounds). Significant peaks are significant in being early eluted gasoline range compounds that does not appear to be derived from gasoline. If significant peaks present in old aged gasoline and these range compounds are significant for their value, it is more likely to be present in a sample that contains greater than 5% of gasoline range compounds.



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Reese Construction 26133 Parkside Drive Hayward, CA 94542	Client Project ID: Dublin Tank	Date Sampled: 08/04/98
		Date Received: 08/05/98
	Client Contact: Tom Reese	Date Extracted: 08/05/98
	Client P.O:	Date Analyzed: 08/05/98

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)*	% Recovery Surrogate
93129	T-1	S	960,b,a	103
93130	SP-1	S	820,b,a	108
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W	50 ug/L		
	S	1.0 mg/kg		

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and d): TCLP, STLC, S, PLP extracts in ug/L

* cluttered chromatogram resulting in coeluted surrogate and sample peaks, or, surrogate peak is on elevated baseline, or, surrogate has been diminished by dilution of original extract

*The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant, b) diesel range compounds are significant, no recognizable pattern, c) aged diesel is significant, d) gasoline range compounds are significant, e) medium boiling point pattern that does not match diesel, f) one to a few isolated peaks present, g) oil range compounds are significant, h) lighter than water immiscible sheen is present, i) field sample that contains greater than ~5 vol % sediment

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 08/05/98-08/06/98

Matrix: SOIL

Analyte	Concentration (mg/kg)			Amount Spiked	% Recovery		RPD
	Sample (#90422)	MS	MSD		MS	MSD	
TPH (gas)	0.000	2.074	2.275	2.03	102	112	9.2
Benzene	0.000	0.202	0.218	0.2	101	109	7.6
Toluene	0.000	0.212	0.232	0.2	106	116	9.0
Ethylbenzene	0.000	0.202	0.224	0.2	101	112	10.3
Xylenes	0.000	0.598	0.638	0.6	100	106	6.5
TPH(diesel)	0	323	338	300	108	113	4.5
TRPH (oil and grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

CHAIN OF CUSTODY REPORT

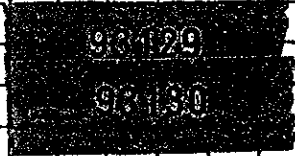
11947 XPC2.doc

JOB NUMBER AND NAME: D-51in tank
 REPORT AND BILL TO: Reese Construction
 20153 Parkside Dr Hayward Ca 94542

ANALYSIS REQUESTED: TPH-D, BTEX
 TURNAROUND TIME: 48hr

SAMPLER: Tom Reese DATE: 8/11/98

SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	CONTAINERS NUMBER	TYPE*	SAMPLING TIME/DATE	TPH-D	BTEX	REMARKS
T-1	10' bgs tank bottom	1	G	4:30	X	X	please fax to
SP-1	5' for kpt	1	M	4:30	X	X	Scott Seary 510-337-9335 and Tom Reese 510-581-7337 by Andy noon



ICE?
 GOOD CONDITION
 HEAD SPACE ABSENT
 PRESERVATION APPROPRIATE CONTAINERS
 VOAS O&G METALS OTHER

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	Laboratory Use Only: Were samples:	Yes	No
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	preserved/on ice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RELINQUISHED BY: Tom Reese	DATE: 8/5/98	TIME: 11:20	RECEIVED IN LAB BY: Nidi Reese	in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				labeled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

* G - Grab C - Composite W - Wipe

(Handwritten initials/signature)



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<http://www.mccampbell.com> E-mail: main@mccampbell.com

Reese Construction 26133 Parkside Drive Hayward, CA 94542	Client Project ID: Dublin Tank	Date Sampled: 08/19/98
		Date Received: 08/26/98
	Client Contact: Tom Reese	Date Extracted: 08/26-08/27/98
	Client P.O:	Date Analyzed: 08/26-08/27/98

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*
 EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)*	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
94203	GW-1	W	---	---	11	9.5	2.1	71	102
94204	SW-1	S	---	---	ND	0.029	0.018	0.39	98
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	5.0	0.5	0.5	0.5	0.5	
	S		1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

* cluttered chromatogram, sample peak coelutes with surrogate peak

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant, b) heavier gasoline range compounds are significant (aged gasoline?), c) lighter gasoline range compounds (the most mobile fraction) are significant, d) gasoline range compounds having broad chromatographic peaks are significant, biologically altered gasoline?, e) TPH pattern that does not appear to be derived from gasoline (?), f) one to a few isolated peaks present, g) strongly aged gasoline or diesel range compounds are significant, h) lighter than water immiscible sheen is present, i) liquid sample that contains greater than ~5 vol % sediment, j) no recognizable pattern

H₂O
 Sidewall



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Reese Construction 26133 Parkside Drive Hayward, CA 94542	Client Project ID: Dublin Tank	Date Sampled: 08/19/98
		Date Received: 08/26/98
	Client Contact: Tom Reese	Date Extracted: 08/26/98
	Client P.O:	Date Analyzed: 08/26-09/02/98

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510, California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

See serial

Lab ID	Client ID	Matrix	TPH(d) ⁺	% Recovery Surrogate
94203	GW-1	W	11,000,000,a,d,h	98
94204	SW-1	S	420,a,b	102
Reporting Limit unless otherwise stated, ND means not detected above the reporting limit	W	50 ug/L		
	S	1.0 mg/kg		

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP, S, LC, SPI, P extracts in ug/L.

a) unfiltered chromatogram resulting in co-eluted surrogate and sample peaks or surrogate peak is on elevated baseline, etc. surrogate has been diminished by dilution of original extract.

The following descriptions of the TPH chromatogram are advisory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant, b) diesel range compounds are significant, c) recognizable pattern of aged diesel is significant, d) gasoline range compounds are significant, e) molar combustion by product pattern characteristic of diesel, f) fine to a few isolated peaks present, g) oil range compounds are significant, h) lighter than water immiscible sheen is present, i) oil sample that contains greater than ~5 v/v% sediment.

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 08/26/98-08/27/98

Matrix: WATER

Analyte	Concentration (mg/L)			Amount Spiked	% Recovery		RPD
	Sample (#94024)	MS	MSD		MS	MSD	
TPH (gas)	0.0	88.6	93.1	100.0	88.6	93.1	5.0
Benzene	0.0	9.9	9.7	10.0	99.0	97.0	2.0
Toluene	0.0	10.1	9.9	10.0	101.0	99.0	2.0
Ethyl Benzene	0.0	10.0	10.1	10.0	100.0	101.0	1.0
Xylenes	0.0	30.0	30.4	30.0	100.0	101.3	1.3
TPH(diesel)	0.0	174	168	150	116	112	3.5
TRPH (oil & grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
 Tele: 925-798-1620 Fax: 925-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 08/26/98-08/27/98

Matrix: SOIL

Analyte	Concentration (mg/kg)			Amount Spiked	% Recovery		RPD
	Sample (#90223)	MS	MSD		MS	MSD	
TPH (gas)	0.000	1.953	1.912	2.03	96	94	2.1
Benzene	0.000	0.194	0.190	0.2	97	95	2.1
Toluene	0.000	0.200	0.196	0.2	100	98	2.0
Ethylbenzene	0.000	0.206	0.200	0.2	103	100	3.0
Xylenes	0.000	0.608	0.604	0.6	101	101	0.7
TPH(diesel)	0	315	314	300	105	105	0.4
TRPH (oil and grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

McCAMBELL ANALYTICAL INC.

110 2ND AVENUE SOUTH, #D7
PACHECO, CA 94553-5560

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HOUR 48 HOUR 5 DAY

Report To: Tom Reese
Company: Reese Constr

Bill To: Reese Constr

Tele: 510 410 1288

Fax: 510 581 7337

Project #: _____ Project Name: 181 Dublin Tank

Project Location: _____

Sampler Signature: [Signature]

Analysis Request

Other

Comments

SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED				BTEX & TPH as Gas (602/8020 + 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI						
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other																					
GW-1	A7 15'	8-15-98	1400	1	Am	X								X																					94203
GW-1	P.7	8-19	1400	1	WA	X								X																					94204
SW-1	N Sidewalk 14'	8-19	1400	1	W	X								X																					

Relinquished By: <u>[Signature]</u>	Date: <u>8-26-98</u>	Time: <u>5:40</u>	Received By: <u>[Signature] V MAI</u>
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Remarks:

ICE/ ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓

PRESERVATION APPROPRIATE ✓
CONTAINERS ✓

VOAS | ORGANOMETALS | OTHER