RMH
Ryan-Murphy, Incorporated
"The Good Earth Company"

Western Division Office
211 Granite, Suite E • Corona, California 91719
(714) 279-6210 • Fax (714) 279-6215

Corporate Office
P.O.Box 16846 • 5867 Broadway • Denver, Colorado 80216
(303) 293-FUEL (3835) • Fax (303) 296-7911
1-800-365-6745

Ecology Rec'd
8/27/92

DEPARTMENT OF ECOLOGY S R
2450 NWRO/TCP TANK UNIT 9.2.92
INTERIM CLEANUP REPORT ☐
SITE CHARACTERIZATION ☒
FINAL CLEANUP REPORT ☒
OTHER ☐
AFFECTED MEDIA: SOIL ☒
OTHER GW ☐
INSPECTOR (INIT.) NM DATE 9-2-92

UNDERGROUND STORAGE TANK REMOVAL REPORT

Submitted to:

UNDERGROUND STORAGE TANK SECTION
STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Mail Stop PV-11
Olympia, WA 98504-8711

Property Located at:

Firestone Tire and Auto Center # 31K7
1012 164th S.E.
Mill Creek, Washington

Submitted to WA-DOE on behalf of:

Ms. Kathleen Scheutzow
Bridgestone/Firestone, Inc.
Environmental Affairs
Floor 5, Wing 3
1200 Firestone Parkway
Akron, Ohio 44317

Prepared by:

Neal Holdridge
Project Manager

Reviewed by:

Gary E. Johnson

Gary Johnson
Program Manager

UST REMOVAL REPORT

Tankage:	One (1) - 550 gallon fiberglass UST
Tank Residuals:	none
Transporter Firm:	A.G.A. Systems, Inc. 13655 S.E. 132nd Avenue Clackamas, Oregon 97015
Disposal Firm:	Schnitzer Steel Products 12005 N. Burgard Portland, Oregon 97203
RMI Local Subcontractor:	A.G.A. Systems, Inc. 13655 S.E. 132nd Avenue Clackamas, Oregon 97015
RMI Project Supervisor:	Jesus Cuellar
Analytical Laboratory:	Analytical Technologies, Inc. 560 Naches Ave. SW, Suite 101 Renton, WA 98055
Date of Report:	December 10, 1991

TANK REMOVAL PROCEDURES

Bridgestone/Firestone, Incorporated maintained one (1) 550 gallon fiberglass underground storage tank for the purpose of storing used motor oil at the Company's retail facility located at 1012 164th S.E., Mill Creek, Washington.

A 30 day notice of removal was filed with the State of Washington Department of Ecology (DOE) in December of 1990 by Ryan-Murphy, Inc. (RMI). Prior to mobilization on to the jobsite, a permit for the tank removal was also acquired from the local Fire Department by Mr. Mike Osborne of A.G.A. Systems (RMI's subcontractor).

On August 6, 1991, Jesus Cuellar of RMI, along with Mike Osborne and a crew from A.G.A. Systems, mobilized to the site. The asphalt surface cover from over the tank location was removed and hauled off to a disposal facility. The tank was partially located beneath an adjacent concrete slab, but only asphalt was removed with the intent that the tank could be removed without breaking up the concrete slab. Excavation of the tank was begun, with generated excavated soils stockpiled adjacent to the tank excavation.

The tank was tied down to a concrete slab, and surrounded with a form of shoring consisting of plywood sheeting. The straps to the hold down slab were cut and after inerting the tank atmosphere and verifying the absence of combustible vapors, the tank was removed from the excavation and visually examined for signs of leakage. No holes were visible.

The tank was loaded onto transport and transported to Schnitzer Steel Products in Portland for scrapping (see certificate of tank destruction in the appendix).

INITIAL SITE SAMPLING

At the end of the tank removal procedures, two soil samples were collected from the tank pit; Under Tank Composite: UTC-1, and a Sidewall Composite: SWC-1. (Please see sampling diagram and analytical results presented in the appendix of this report.)

An inspection of the tank pit at the time of sampling revealed very wet conditions, but no visual evidence of contamination was present.

Soil samples were collected by Mike Osborne of A.G.A. Systems, who is registered by the State of Washington DOE to perform site assessment sampling.

All samples were gathered utilizing latex gloves to prevent cross contamination. Soil samples were collected by grab method, in which an undisturbed backhoe bucket of soil was brought to grade level, whereupon a glass sample jar was packed with the soil in such a manner so as to eliminate any head space. After the sample jar was filled, it was covered with a teflon lined lid

capped, and the cap secured with duct tape. Samples were then labeled and placed in an ice chest with blue ice to maintain laboratory storage temperatures during transport.

The soil samples were transported under chain of custody documentation to Analytical Technologies Incorporated in Renton, Washington for the performance of a Hydrocarbon identification scan, and analysis for Total Petroleum Hydrocarbons (TPH) by EPA method 418.1, as per the DOE guidelines.

The hydrocarbon I.D. scan revealed that the predominant hydrocarbons present in the samples were those heavier than the diesel range hydrocarbons, as would be expected with a used oil storage tank.

OVEREXCAVATION FOR REMEDIATION

Upon receiving the results of the TPH analysis for the initial samples gathered at the time of the tank removal, it was documented that the sample from beneath the tank (under tank composite UTC-1), exhibited TPH results of 260 mg/kg, which is in excess of the State of Washington DOE action levels of 200 mg/kg.

Mr. Roger Nye of the Department of Ecology was consulted with the results of the soil samples taken at the time of the tank removal, and it was agreed that based upon the analytical results it would be necessary to return to the site and continue to overexcavate to capture the remaining impacted soil. On September 9th, Mr. Jay Johnson of the DOE's Southwest regional office was advised by phone of our intent to overexcavate.

On Wednesday, September 11th, the overexcavation of the tank pit was commenced, with all excavated soils being stockpiled on plastic sheeting and covered with the same.

After excavating approximately 20 cubic yards of soil, samples were collected to confirm that all of the impacted material had indeed been removed.

CONFIRMATION SAMPLING

Soil samples were collected from each excavation sidewall, from the tank pit bottom, and from the excavated stockpile (see overexcavation sampling diagram in the appendix).

A total of five (5) confirmation samples were gathered utilizing the same sample collection techniques as described in the initial sampling section above. Additionally, one sample was collected from the stockpiled contaminated soil, in order to profile this material for disposal. Samples were transported under chain of custody documentation to Analytical Technologies in Renton, Washington.

TPH was analyzed on a fast turnaround rush basis, so that the removal of all impacted soil could be confirmed as rapidly as possible. The results of the TPH analysis, were faxed to RMI's office upon completion. All TPH results for the five excavation confirmation samples were below 50 mg/kg.

The sample with the highest TPH result (WW-2 @ 42 mg/kg) was selected for additional analyses, as per the DOE's recommendations, and to verify that other compounds were not present, thus alleviating any concerns about other compounds which might hamper site closure. The soil sample from the stockpiled impacted material (SC-2) was also analyzed for additional compounds, so that the results could be presented to the selected disposal facility to gain acceptance of the soil. The additional analyses performed on these two samples were; volatile organics (EPA 8010), aromatic volatiles (EPA 8020), PCB's (EPA 8080), and metals (by TCLP). All results of these additional tests were below DOE action limits.

REMEDIATION OF IMPACTED SOIL

Once the analytical results were obtained for the stockpiled material, they were forwarded to Mr. Mike Tolkuehn of Woodworth and Company. Woodworth and Company operates an asphalt processing unit which is authorized by the Tacoma-Pierce County Health Department to handle and process small quantities of hydrocarbon impacted soil, providing the presence of other regulated compounds can be shown to be absent. The soil must also meet Woodworth's guidelines with regards to the soil's physical characteristics, so that it can be inserted into their asphalt rendering process.

After reviewing the laboratory analytical results for the stockpiled soil, Mr. Tolkuehn visited the site and examined the physical properties of the soil. It was at this point that acceptance of this material was denied by Woodworth, due to the fact that the soil's physical characteristics were such that Woodworth would be unable to process the material readily.

An alternative disposal location was sought, and upon the recommendation of Mr. Steve Burke of the Seattle/Kings County Health Department, Waste Screening Program, the nearby Coal Creek Landfill was contacted. A letter along with copies of the stockpiled soil analytical results were forwarded to Mr. Burke for review. Upon his review, a letter granting authorization from the Waste Screening Program to take the material into the Coal Creek landfill was forwarded to the landfill, and acceptance was granted.

Jess Cuellar and RMI's subcontractor re-mobilized to the site on Wednesday, November 6th for the loading and transport of the stockpiled soil.

Approximately 30 tons of soil were transported to the Coal Creek Landfill for disposal. A copy of the weight ticket/receipt is included in the appendix of this report.

SITE FINISHING ACTIVITIES

All laboratory results on the overexcavation confirmation samples were below the State of Washington Department of Ecology's recommended action levels, therefore the site was backfilled and repaved, and site finishing activities were carried out.

A log of the soil samples taken, plus a table of all analytical results are present in the appendix of this report. Copies of the laboratory analyses for all samples, and diagrams showing the initial sampling locations and the confirmatory sampling locations are also included in the appendix of this report.

CONCLUSION

To the best of our knowledge, RMI has met all of the requirements set forth by the State of Washington Department of Ecology, and the Seattle/Kings County Health Department concerning the closure of the subject tank.

If you have any questions, or require any additional information concerning this project, please contact the Project Manager listed on the front page of this report.

APPENDIX:

- State of WA 30 day notification
- Photographs of site activities
- Certificate of tank destruction
- Soil sample log
- Table of soil sample analytical results
- Initial soil sampling diagram
- Initial samples laboratory analytical results
- Initial samples chain of custody documentation
- Confirmation soil sampling diagram
- Confirmation samples laboratory analytical results
- Confirmation samples chain of custody documentation
- Soil disposal acceptance letters
- Soil disposal receipt
- State of WA DOE closure checklist

APPENDIX

STATE OF WA

30 DAY NOTIFICATION

NOTICE OF PERMANENT CLOSURE OF UNDERGROUND STORAGE TANK(S)

Site Owner/Operator: Bridgestone - Firestone
Site Address: 1012 164th St. Mill Creek, Wa.
Telephone: (206) 742-1790

Site Notification Number (If known; this is assigned by Ecology): _____
Tank has been registered with Ecology (__); tank was not registered (__).

Local closure permit (if any) obtained from: _____
(Always contact local authorities regarding permit requirements.)

Tank closure performed by:
Company/Individual: AGA Systems Inc, Clackamas, Or.
Telephone: (503) 698-7070 Date of Tank Closure: 8/6/91
Method of Closure: (X) Removal (__) In-Place Closure
If closed in place, type of fill material used: _____

If removed, how will the tank(s) be disposed of? (__) Scrap (X) Landfill
(__) Other method (please specify): _____
Disposal Location: Hillsboro, OR

Tank(s) Closed

Tank ID Number	Age	Size	Last Material Stored
A8947750	7yrs.	550	Waste Oil

Will the tanks be replaced by new underground tanks? (__) Yes (X) No
(NOTE: If YES, you need to submit a notification form for the new tanks.)

Was a site assessment completed? (Y) Yes (__) No If so, was contamination found? (__) Yes (Y) No

(NOTE: The appropriate regional office of the Washington Department of Ecology should be contacted for assistance if contamination is found (see attached map). Records of the site closure must also be maintained at the site and must be available upon an inspector's request for at least three years after closure.)

Inspecting Agency: _____ Inspector Name: _____
(NOTE: This is generally the local fire department or agency enforcing the Uniform Fire Code; in some cases (usually involving contamination) it may be Ecology. In some instances there may be no inspecting agency.)

Signature: Michael D. Osborne Date: Aug. 6, 1991
Title: PRES. AGA Systems INC

Please return the completed form to:

Storage Tank Unit
Department of Ecology
M/S PV-11
Olympia, WA 98504-8711

UNDERGROUND STORAGE TANK
30 Day Notice of Intent to Close/Decommission Tanks

The purpose of this form is to provide the Department of Ecology with notice of intent to close/decommission an UST. It must be received 30 days prior to the closure activities. It must be signed and dated by either the owner/operator of the UST to be closed or his/her authorized representative. (This could be the firm contracted to do the work.) Ecology will notify the identified person of the earliest date closure/decommissioning activities may commence.

For questions on completing this form please call (206) 459-6293.

Please type or use ink.

The completed checklist should be mailed to:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. TANK OWNER AND LOCATION

UST Owner/Operator: BRIDGESTONE / FIRESTONE INC.

Owners Mailing Address: 1200 FIRESTONE PKWY. (Street) (P.O. Box)

AKRON (City) OHIO (State) 44317 (ZIP-Code)

Telephone: (216) 379-3737

Site ID Number (on invoice or available from Ecology if tank is registered):

Site/Business Name: FIRESTONE SERVICE CENTER

Site Address: 1012 164TH STREET SE (Street) King (County)

SEATTLE - MILL CREEK (City) WA. (State) (ZIP-Code)

2. TANK PERMANENT CLOSURE TO BE PERFORMED BY (If known):

Firm: A.E.A SYSTEMS

Address: 13655 S.E. 132ND AVE (Street) (P.O. Box)

CLACKAMAS (City) OREGON (State) 97015 (ZIP-Code)

Telephone: 800 433-5583 Contact Name: MIKE OSBORNE

3. TANK INFORMATION

Tank Identification	Approx. Closure Date	Tank Capacity (gallons)	Tank Age (years)	Last Substance Stored
	AFTER 7/10/91	550	UNK	USED OIL

4. SIGNATURE OF TANK OWNER/OPERATOR OR AUTHORIZED REPRESENTATIVE:

Michael Walther (Signature) Project Supervisor (Title) 6/6/91 (Date)

ECY 101-55 11/90

PHOTOGRAPHS OF SITE ACTIVITIES

1012 164th Street SE
Mill Creek, WA

Waste Oil Underground Storag Tank (UST) Fill Receptacle

Tank Excavation at Edge of Concrete Slab in Front of Service Bay

1012 164th Street SE
Mill Creek, WA

Tank During
Excavation
Proceedings

Removed Fiberglas
Tank

CERTIFICATE OF TANK DESTRUCTION

NOV 14 1991

A.G.A. Systems

1 800 433 5583

Certificate of Destruction

Date: 10-15-91

Scrapping/disposal Company:

A.G.A. Systems Inc,
13655 SE 132nd AVE
Clackamas OR 97015

Site of Destruction:

A.G.A. System Inc.
7810 S.E. 267th
Gresham, OR 97080

Tank Removal Contractor:

A.G.A. Systems Inc
13655 S.E. 132nd Ave.
Clackamas, OREGON 97015

Tank Identification:

Tank No: 4

Size: 500 gal (Fiberglass)

Location:

Company: Bridgestone/Firestone

Address: 1012 164th S.E.

City/State: Mill Creek, WA

Destruction Date: 10-15-91

I certify that the above described tank has been rendered unusable for the storage of any fluids, and all removed fluids, sludges, and the tanks were disposed of in accordance with all applicable local, state, and federal regulations.

Michael D. Osborne
By

Pres. A.G.A. Systems Inc.
Title

SOIL SAMPLE LOG

TABLE #1

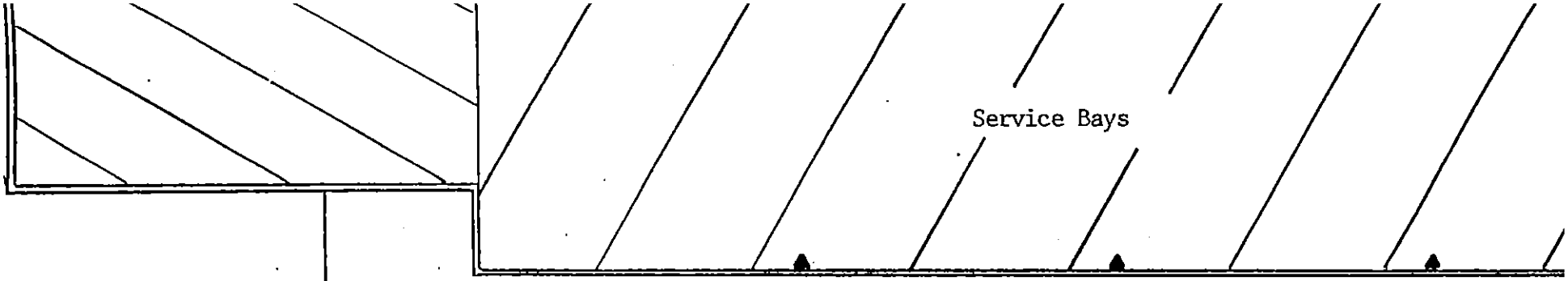
CHEMICAL CONSTITUENT	INITIAL SOIL SAMPLES		OVEREXCAVATION CONFIRMATION SAMPLES					
	SAMPLE # UTC-1	SAMPLE # SWC-1	SAMPLE # UT-2	SAMPLE # NW-2	SAMPLE # SW-2	SAMPLE # EW-2	SAMPLE # WW-2	SAMPLE # SC-2
TPH-HCID Scan:								
C7-C10 as gasoline	<5	<5						
C10-C28 as diesel	21 *	30						
(mg/kg)								
TRPH (EPA 418.1)	260	120	33	23	40	37	42	11
(mg/kg)								
VOLATILE ORGANICS (EPA 8010/8020):								
Methylene Chloride							0.110 **	0.170 **
Total Xylenes							ND	0.036
(all results reported in mg/kg)								
All other compounds were below detection limits, see laboratory list.								
PCB'S (EPA 8080)							ND	ND
(mg/kg)								
All compounds were below detection limits, see laboratory list.								
TCLP METALS:								
Arsenic							<0.050	<0.050
Barium							0.330	0.260
Cadmium							<0.002	<0.002
Chromium							<0.010	<0.010
Lead							<0.030	<0.030
Mercury							<0.0002	<0.0004
Selenium							<0.050	<0.050
Silver							<0.005	<0.005
(all results reported in mg/L)								

* Sample chromatogram indicates a petroleum hydrocarbon-like contamination heavier than diesel.

** Analyte was found in the associated blank as well as the sample.

All analyses were performed at Analytical Technologies, Inc. in Renton, WA.

INITIAL SOIL SAMPLING DIAGRAM



Concrete Slab

SWC-1

UTC-1

Tank Excavation

Initial Soil Sampling Diagram

Firestone Auto Center

1012 164th S. E.

Mill Creek, Washington

Asphalt

No Scale

N

164TH STREET S. E.

INITIAL SAMPLES LABORATORY RESULTS

Analytical Technologies, Inc. 560 Naches Avenue, S.W., Suite 101, Renton, WA 98055, (206) 228-8335

ATI I.D. # 9108-075

August 23, 1991

Ryan-Murphy, Inc.
211 Granite St
Suite E
Corona, CA 91719

Attention : Neil Holdridge

Project Number : 2132

Project Name : Firestone

On August 6, 1991, Analytical Technologies, Inc., received 2 soil samples for analysis. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The results, sample cross reference, and quality control data are enclosed.

Karen Mixon
Project Manager

Frederick W. Grothkopp
Technical Manager

FWG/hal/cn

Analytical Technologies, Inc.

ATI I.D. # 9108-075

SAMPLE CROSS REFERENCE SHEET

CLIENT : RYAN-MURPHY INC.
PROJECT # : 2132
PROJECT NAME : FIRESTONE

ATI #	CLIENT DESCRIPTION	DATE SAMPLED	MATRIX
9108-075-1	UTC-1	08/06/91	SOIL
9108-075-2	SWC-1	08/06/91	SOIL

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	2

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of the report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

ATI I.D. # 9108-075

ANALYTICAL SCHEDULE

CLIENT : RYAN-MURPY INC.
PROJECT # : 2132
PROJECT NAME : FIRESTONE

ANALYSIS	TECHNIQUE	REFERENCE	LAB
HYDROCARBON IDENTIFICATION	GC/FID	WA DOE WTPH-HCID	R
TOTAL PETROLEUM HYDROCARBONS	IR	EPA 418.1	R

R = ATI - Renton
SD = ATI - San Diego
T = ATI - Tempe
PNR = ATI - Pensacola
FC = ATI - Fort Collins
SUB = Subcontract

Analytical Technologies, Inc.

ATI I.D. # 9108-075

HYDROCARBON IDENTIFICATION
DATA SUMMARY

CLIENT	: RYAN-MURPHY, INC.	DATE SAMPLED	: N/A
PROJECT #	: 2132	DATE RECEIVED	: N/A
PROJECT NAME	: FIRESTONE	DATE EXTRACTED	: 08/07/91
CLIENT I.D.	: REAGENT BLANK	DATE ANALYZED	: 08/07/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
METHOD	: TPH-HCID	DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	<5
HYDROCARBON RANGE	C7 - C10
HYDROCARBON QUANTITATION USING	GASOLINE
FUEL HYDROCARBONS	<5
HYDROCARBON RANGE	C10 - C28
HYDROCARBON QUANTITATION USING	DIESEL

Analytical Technologies, Inc.

ATI I.D. # 9108-075-1

HYDROCARBON IDENTIFICATION
DATA SUMMARY

CLIENT	: RYAN-MURPHY, INC.	DATE SAMPLED	: 08/06/91
PROJECT #	: 2132	DATE RECEIVED	: 08/06/91
PROJECT NAME	: [illegible] FIRESTONE	DATE EXTRACTED	: 08/07/91
CLIENT I.D.	: UTC-1	DATE ANALYZED	: 08/08/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
METHOD	: TPH-HCID	DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	<5
HYDROCARBON RANGE	C7 - C10
HYDROCARBON QUANTITATION USING	GASOLINE
FUEL HYDROCARBONS	21 *
HYDROCARBON RANGE	C10 - C28
HYDROCARBON QUANTITATION USING	DIESEL

* - Sample chromatogram indicates a petroleum hydrocarbon-like contamination heavier than diesel.

Analytical Technologies, Inc.

ATI I.D. # 9108-075-2

HYDROCARBON IDENTIFICATION
DATA SUMMARY

CLIENT	: RYAN-MURPHY, INC.	DATE SAMPLED	: 08/06/91
PROJECT #	: 2132	DATE RECEIVED	: 08/06/91
PROJECT NAME	: [illegible] FIRESTONE	DATE EXTRACTED	: 08/07/91
CLIENT I.D.	: SWC-1	DATE ANALYZED	: 08/07/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
METHOD	: TPH-HCID	DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
FUEL HYDROCARBONS	<5
HYDROCARBON RANGE	C7 - C10
HYDROCARBON QUANTITATION USING	GASOLINE
FUEL HYDROCARBONS	30
HYDROCARBON RANGE	C10 - C28
HYDROCARBON QUANTITATION USING	DIESEL

Analytical Technologies, Inc.

ATI I.D. # 9108-075

HYDROCARBON IDENTIFICATION
QUALITY CONTROL DATA

CLIENT	: RYAN-MURPHY, INC.	SAMPLE I.D. #	: 9108-075-2
PROJECT #	: 2132	DATE EXTRACTED	: 08/07/91
PROJECT NAME	: FIRESTONE	DATE ANALYZED	: 08/07/91
EPA METHOD	: TPH-HCID	UNITS	: mg/Kg
SAMPLE MATRIX	: SOIL		

COMPOUNDS	SAMPLE RESULT	SPIKE ADDED	SPIKED RESULT	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
DIESEL	29.8	500	591	112	555	105	6

$$\%\text{Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{|(\text{Spike Result} - \text{Duplicate Result})|}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

ATI I.D. # 9108-075

GENERAL CHEMISTRY RESULTS

CLIENT : GEOENGINEERS, INC.
PROJECT # : 2132
PROJECT NAME : FIRESTONE

DATE EXTRACTED : 08/07/91
DATE ANALYZED : 08/07/91
MATRIX : SOIL
UNITS : mg/Kg

ATI I.D. #	CLIENT I.D.	PETROLEUM HYDROCARBONS
REAGENT BLANK	-	<5
9108-075-1	UTC-1	260
9108-075-2	SWC-1	120

Analytical Technologies, Inc.

ATI I.D. # 9108-075

GENERAL CHEMISTRY QUALITY CONTROL

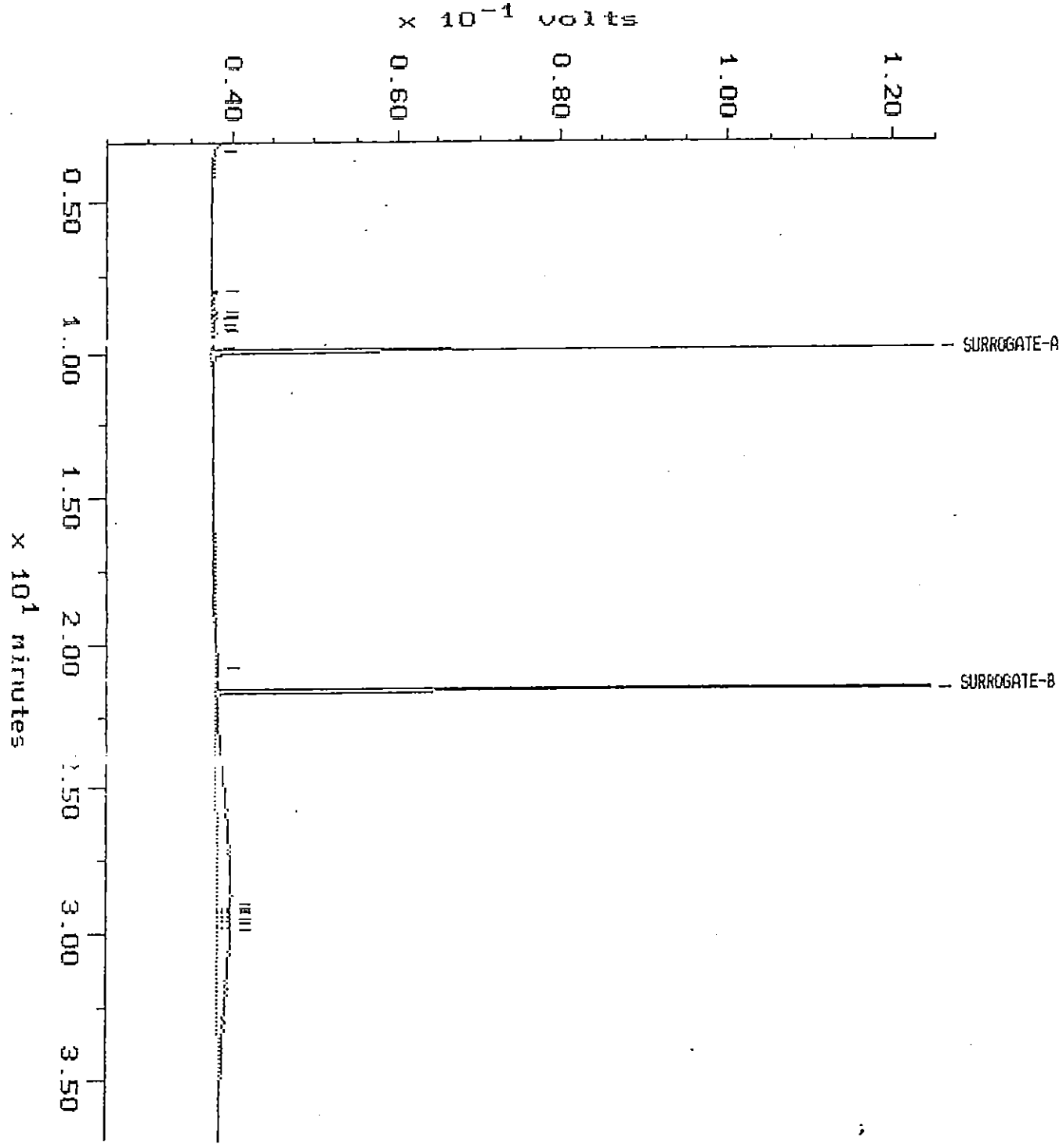
CLIENT : GEOENGINEERS, INC. SAMPLE MATRIX : SOIL
PROJECT # : 2132
PROJECT NAME : FIRESTONE

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP RESULT	RPD	SPIKED RESULT	SPIKE ADDED	% REC
PETROLEUM HYDROCARBONS	mg/Kg	9108-052-3	12	15	22	275	252	104

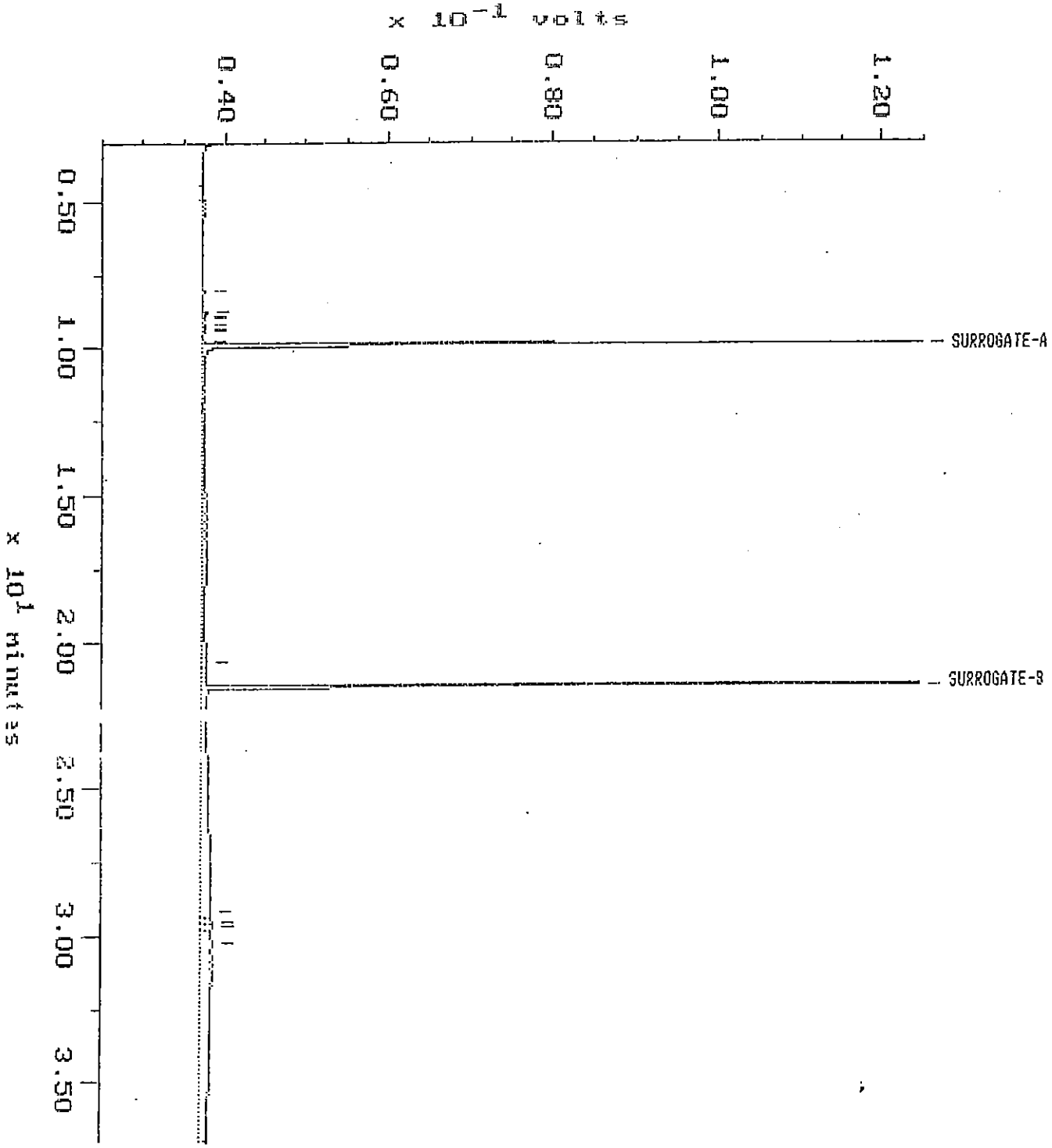
$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Sample: 9108-075-1 Channel: ERNIE Filename: 0807EX21
Acquired: 08-AUG-91 1:43 Method: L:\BR02\MAXDATA\ERNIE\FUEL0807 Operator:
Inj Vol: 1.00



Sample: 9108-075-2 Channel: ERNIE Filename: 0807ER05
Acquired: 07-AUG-91 13:06 Method: L:\BRO2\MAXDATA\ERNIE\FUEL0807 Operator:
Inj Vol: 1.00



INITIAL SAMPLES

CHAIN OF CUSTODOY

DOCUMENTATION

Analytical**Technologies**, Inc.

560 Naches Avenue SW, Suite 101 Renton, WA 98055 (206)228-8335

Chain of Custody

DATE 8-6-91 PAGE 1 OF 1

LABORATORY NUMBER: 9108-075

PROJECT MANAGER: Neil Holdridge

COMPANY: Fugro-Murphy Inc.

ADDRESS: 2N Granite St Suite E

Corona, Ca. 91719

PHONE: 714/279-6210 SAMPLED BY: Jess Chueller

SAMPLE DISPOSAL INSTRUCTIONS

☐ ATI Disposal @ $5.00 each ☐ Return

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	8010 Halogenated Volatiles	8020 Aromatic Volatiles	8020 BETX ONLY	8240 GCMS Volatiles	8270 GCMS BNA	8310 HPLC PNA's	8080 Pesticides & PCB's	8080 PCB's ONLY	8140 Phosphate Pesticides	8150 Herbicides	WDOE PAH (WAC 173)	418.1 (TPH)	413.2 Grease & Oil	8015 (Modified) HCID	TOC 9060	TOX 9020	% Moisture	EP TOX Metals (8) EP EXT	Priority Pollutant Metals (13)	TCLP ONLY: 8080 Pesticide (4)	8240 ZH-EXT	8270	8150 Herbicides (2)	Metals (8)	TCLP Metals + TPH	NUMBER OF CONTAINERS
UTC-1	8/6/91			-1												✓		✓												2
SWC-1	8/6/91			2												✓		✓												2

PROJECT INFORMATION

PROJECT NUMBER: 2132

PROJECT NAME: Goodrich/Fontana

PURCHASE ORDER NUMBER:

ONGOING PROJECT? YES ☒ NO ☐

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS	4
COC SEALS/INTACT? Y/N/NA	Y/Y
RECEIVED GOOD COND./COLD	Y/
RECEIVED VIA:	HAND DLVR

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

TAT: (NORMAL) ☒ 2WKS (RUSH) ☐ 24HR ☐ 48 HRS ☐ 72 HRS ☐ 1 WK

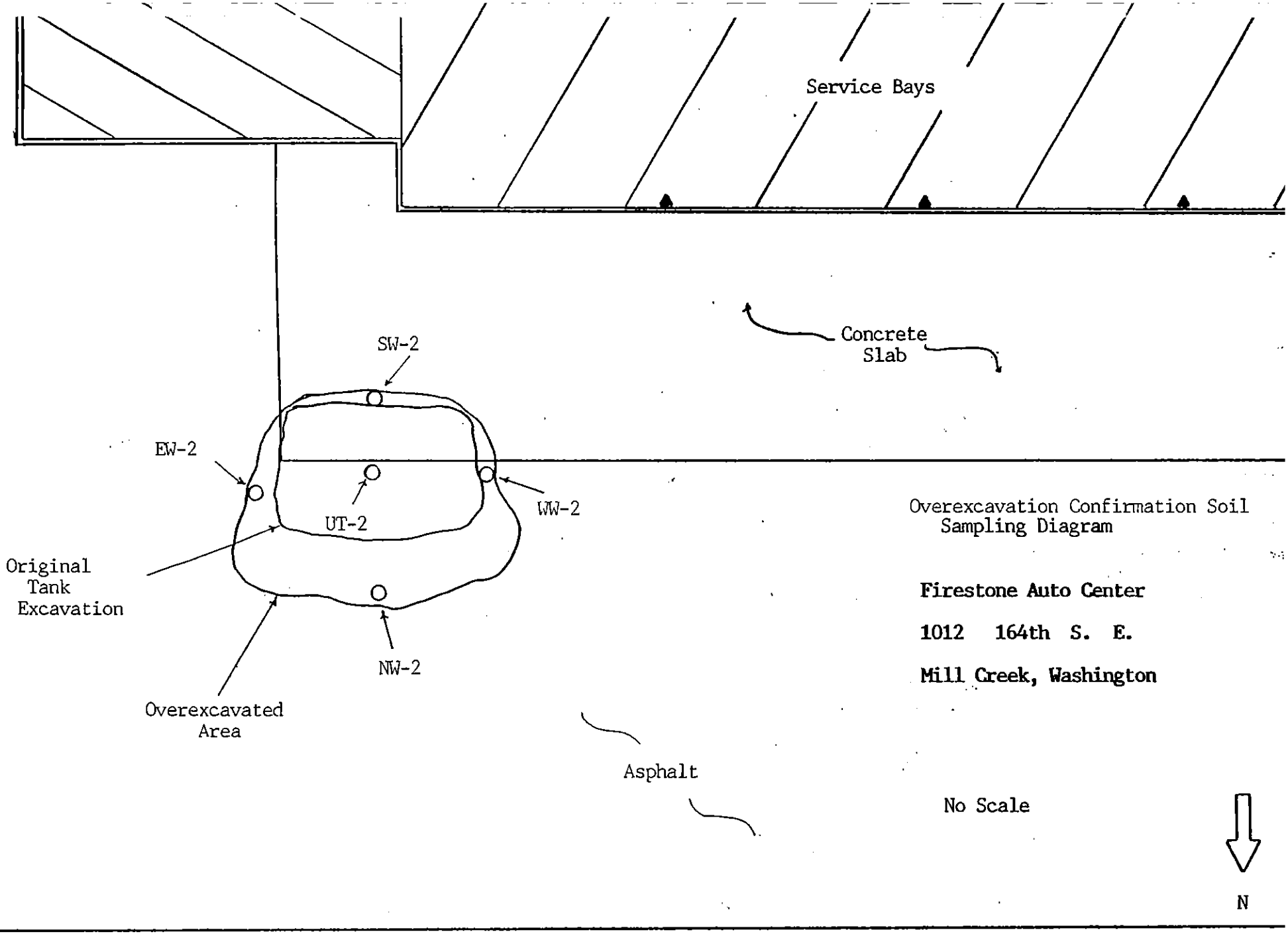
GREATER THAN 24 HR. NOTICE? YES ☒ NO ☐ (LAB USE ONLY)

SPECIAL INSTRUCTIONS: Run 8020 (BTXE) 8010 (Purgeable) TCLP (Metals) & 8080 PCB's only after RMI. receives TPH & I.D. Seen results

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Time: 4:47 P.M.	Signature: Time:	Signature: Time:
Printed Name: Jess Chueller Date: 8/6/91	Printed Name: Date:	Printed Name: Date:
Company:	Company:	Company:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY: (LAB) 3.**
Signature: Time:	Signature: Time:	Signature: Time:
Printed Name: Date:	Printed Name: Date:	Printed Name: Date:
Company: RMI-Redlands	Company:	Analytical Technologies, Inc.

ATI Labs: San Diego (619)458-9141 • Phoenix (602)438-1530 • Seattle (206)228-8335 • Pensacola (904)474-1001 • DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR

CONFIRMATION SOIL SAMPLING DIAGRAM



Overexcavation Confirmation Soil Sampling Diagram

Firestone Auto Center

1012 164th S. E.

Mill Creek, Washington

CONFIRMATION

SAMPLES LABORATORY ANALYTICAL RESULTS

Analytical Technologies, Inc. 560 Naches Avenue, S.W., Suite 101, Renton, WA 98055, (206) 228-8335

ATI I.D. # 9109-089

October 2, 1991

Ryan-Murphy Incorporated
211 Granite Street
Suite E
Corona, CA 91719

Attention : Neil Holdridge

Project Number : 2132

Project Name : Firestone

On September 11, 1991, Analytical Technologies, Inc. received six soil samples for analysis. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The results, sample cross reference, and the quality control data are enclosed.

Karen L. Mixon
Senior Project Manager

Frederick W. Grothkopp
Laboratory Manager

FWG/hbb/elf

Analytical Technologies, Inc.

ATI I.D. # 9109-089

SAMPLE CROSS REFERENCE SHEET

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

ATI #	CLIENT DESCRIPTION	DATE SAMPLED	MATRIX
9109-089-1	UT-2	09/11/91	SOIL
9109-089-2	NW-2	09/11/91	SOIL
9109-089-3	SW-2	09/11/91	SOIL
9109-089-4	EW-2	09/11/91	SOIL
9109-089-5	WW-2	09/11/91	SOIL
9109-089-6	SC-2	09/11/91	SOIL

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	6

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

ATI I.D. # 9109-089

ANALYTICAL SCHEDULE

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

ANALYSIS	TECHNIQUE	REFERENCE	LAB
PURGEABLE HALOCARBONS	GC/ELCD	EPA 8010	R
PURGEABLE AROMATICS	GC/PID	EPA 8020	R
POLYCHLORINATED BIPHENYLS (PCBs	GC/ECD	EPA 8080	SD
TCLP PREPARATION	-	EPA 1311	R
ARSENIC	ICAP	EPA 6010	R
BARIUM	ICAP	EPA 6010	R
CADMIUM	ICAP	EPA 6010	R
CHROMIUM	ICAP	EPA 6010	R
LEAD	ICAP	EPA 6010	R
MERCURY	AA/COLD VAPOR	EPA 7470	R
SELENIUM	ICAP	EPA 6010	R
SILVER	ICAP	EPA 6010	R
PETROLEUM HYDROCARBONS	IR	EPA 418.1	R
MOISTURE	GRAVIMETRIC	CLP SOW ILM01.0	R
MOISTURE	GRAVIMETRIC	METHOD 7-2.2	SD

R = ATI - Renton
SD = ATI - San Diego
PHX = ATI - Phoenix
PNR = ATI - Pensacola
FC = ATI - Fort Collins
SUB = Subcontract

Analytical Technologies, Inc.

ATI I.D. # 9109-089

GENERAL CHEMISTRY ANALYSIS

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

MATRIX : SOIL

PARAMETER	DATE PREPARED	DATE ANALYZED
PETROLEUM HYDROCARBONS	09/12/91	09/12/91

Bridgestone/Firestone, Inc.
1012 164th S.E.
Mill Creek, Washington

SOIL SAMPLE LOG

SAMPLE #	LOCATION	DEPTH	DATE
UTC-1	Under tank composite	6' bgl	8/6/91
SWC-1	North & South sidewall composite	3' bgl	8/6/91
UT-2	Under old tank location	7' bgl	9/11/91
NW-2	North wall of overexcavation	4' bgl	9/11/91
SW-2	South wall of overexcavation	4' bgl	9/11/91
EW-2	East wall of overexcavation	4' bgl	9/11/91
WW-2	West wall of overexcavation	4' bgl	9/11/91
SC-2	Overexcavation spoils pile	-	9/11/91

Analytical Technologies, Inc.

ATI I.D. # 9109-089

GENERAL CHEMISTRY ANALYSIS
DATA SUMMARY

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

MATRIX : SOIL
UNITS : mg/Kg

ATI I.D. #	CLIENT I.D.	PETROLEUM HYDROCARBONS
9109-089-1	UT-2	33
9109-089-2	NW-2	23
9109-089-3	SW-2	40
9109-089-4	EW-2	37
9109-089-5	WW-2	42
9109-089-6	SC-2	11
REAGENT BLANK	-	<5

Analytical Technologies, Inc.

ATI I.D. # 9109-089

GENERAL CHEMISTRY ANALYSIS
QUALITY CONTROL DATA

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

MATRIX : SOIL
UNITS : mg/Kg

PARAMETER	ATI I.D.	SAMPLE RESULT	DUP RESULT	RPD	SPIKED RESULT	SPIKE ADDED	% REC
PETROLEUM HYDROCARBONS	9109-080-2	<5	<5	NC	260	250	104

NC = Not Calculable.

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

ATI I.D. # 9109-089

GENERAL CHEMISTRY ANALYSIS
DATA SUMMARY

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

MATRIX : SOIL
UNITS : %

ATI I.D. #	CLIENT I.D.	MOISTURE	MOISTURE *
9109-089-5	WW-2	-	13.7
9109-089-6	SC-2	7.5	7.2

* Analyzed at ATI - San Diego, California laboratory.

Analytical Technologies, Inc.

ATI I.D. # 9109-089

GENERAL CHEMISTRY ANALYSIS
QUALITY CONTROL DATA

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

MATRIX : SOIL
UNITS : %

PARAMETER	ATI I.D.	SAMPLE RESULT	DUP RESULT	RPD	SPIKED RESULT	SPIKE ADDED	% REC
MOISTURE	9109-105-4	16	15	6	N/A	N/A	N/A
MOISTURE *	109185-01	13.7	13.6	1	N/A	N/A	N/A

* Analyzed at ATI - San Diego, California laboratory.

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

ATI I.D. # 9109-089

GENERAL CHEMISTRY ANALYSIS
QUALITY CONTROL DATA

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

MATRIX : SOIL
UNITS : %

PARAMETER	ATI I.D.	SAMPLE RESULT	DUP RESULT	RPD	SPIKED RESULT	SPIKE ADDED	% REC
MOISTURE	9109-105-4	16	15	6	N/A	N/A	N/A
MOISTURE *	109185-01	13.7	13.6	1	N/A	N/A	N/A

* Analyzed at ATI - San Diego, California laboratory.

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

AnalyticalTechnologies,Inc.

ATI I.D. # 9109-089

VOLATILE ORGANIC ANALYSIS
DATA SUMMARY

CLIENT	: RYAN-MURPHY INCORPORATED	DATE SAMPLED	: N/A
PROJECT #	: 2132	DATE RECEIVED	: N/A
PROJECT NAME	: FIRESTONE	DATE EXTRACTED	: 09/13/91
CLIENT I.D.	: REAGENT BLANK	DATE ANALYZED	: 09/13/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
EPA METHOD	: 8010/8020	DILUTION FACTOR	: 1

RESULTS BASED ON DRY WEIGHT

COMPOUND	RESULT
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.050
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.050
CHLOROFORM	<0.010
CHLOROMETHANE	<0.10
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
CIS-1,2-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	0.045 J
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.025
VINYL CHLORIDE	<0.050
TOTAL XYLENES	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE	80
BROMOFLUOROBENZENE	113

J = Estimated value.

AnalyticalTechnologies,Inc.

ATI I.D. # 9109-089-5

VOLATILE ORGANIC ANALYSIS
DATA SUMMARY

CLIENT	: RYAN-MURPHY INCORPORATED	DATE SAMPLED	: 09/11/91
PROJECT #	: 2132	DATE RECEIVED	: 09/11/91
PROJECT NAME	: FIRESTONE	DATE EXTRACTED	: 09/13/91
CLIENT I.D.	: WW-2	DATE ANALYZED	: 09/20/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
EPA METHOD	: 8010/8020	DILUTION FACTOR	: 1

RESULTS BASED ON DRY WEIGHT

COMPOUND	RESULT
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.050
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.050
CHLOROFORM	<0.010
CHLOROMETHANE	<0.10
DIBROMOCHLOROMETHANE	<0.010
1,2-DICHLOROBENZENE	<0.025
1,3-DICHLOROBENZENE	<0.025
1,4-DICHLOROBENZENE	<0.025
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
CIS-1,2-DICHLOROETHENE	<0.010
TRANS-1,2-DICHLOROETHENE	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	0.11 B
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROFLUOROMETHANE	<0.025
VINYL CHLORIDE	<0.050
TOTAL XYLENES	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE	100
BROMOFLUOROBENZENE	116

B = Analyte is found in the associated blank as well as the sample.

Analytical Technologies, Inc.

ATI I.D. # 9109-089-6

VOLATILE ORGANIC ANALYSIS
DATA SUMMARY

CLIENT	: RYAN-MURPHY INCORPORATED	DATE SAMPLED	: 09/11/91
PROJECT #	: 2132	DATE RECEIVED	: 09/11/91
PROJECT NAME	: FIRESTONE	DATE EXTRACTED	: 09/13/91
CLIENT I.D.	: SC-2	DATE ANALYZED	: 09/20/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
EPA METHOD	: 8010/8020	DILUTION FACTOR	: 1

RESULTS BASED ON DRY WEIGHT

COMPOUND	RESULT	
BENZENE	<0.025	
BROMODICHLOROMETHANE	<0.010	
BROMOFORM	<0.010	
BROMOMETHANE	<0.050	
CARBON TETRACHLORIDE	<0.010	
CHLOROBENZENE	<0.025	
CHLOROETHANE	<0.050	
CHLOROFORM	<0.010	
CHLOROMETHANE	<0.10	
DIBROMOCHLOROMETHANE	<0.010	
1,2-DICHLOROBENZENE	<0.025	
1,3-DICHLOROBENZENE	<0.025	
1,4-DICHLOROBENZENE	<0.025	
1,1-DICHLOROETHANE	<0.010	
1,2-DICHLOROETHANE	<0.010	
1,1-DICHLOROETHENE	<0.010	
CIS-1,2-DICHLOROETHENE	<0.010	
TRANS-1,2-DICHLOROETHENE	<0.010	
1,2-DICHLOROPROPANE	<0.010	
CIS-1,3-DICHLOROPROPENE	<0.010	
TRANS-1,3-DICHLOROPROPENE	<0.010	
ETHYLBENZENE	<0.025	
METHYLENE CHLORIDE	0.17	B
1,1,2,2-TETRACHLOROETHANE	<0.010	
TETRACHLOROETHENE	<0.010	
TOLUENE	<0.025	
1,1,1-TRICHLOROETHANE	<0.010	
1,1,2-TRICHLOROETHANE	<0.010	
TRICHLOROETHENE	<0.010	
TRICHLOROFLUOROMETHANE	<0.025	
VINYL CHLORIDE	<0.050	
TOTAL XYLENES	0.036	

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE	128
BROMOFLUOROBENZENE	101

B = Analyte is found in the associated blank as well as the sample.

Analytical Technologies, Inc.

ATI I.D. # 9109-089

VOLATILE ORGANIC ANALYSIS
QUALITY CONTROL DATA

CLIENT	: RYAN-MURPHY INCORPORATED	SAMPLE I.D. #	: 9109-072-4
PROJECT #	: 2132	DATE EXTRACTED	: 09/13/91
PROJECT NAME	: FIRESTONE	DATE ANALYZED	: 09/18/91
EPA METHOD	: 8010/8020	UNITS	: mg/Kg
SAMPLE MATRIX	: SOIL		

COMPOUND	SAMPLE RESULT	SPIKE ADDED	SPIKED RESULT	% REC.	DUP. SPIKED RESULT	DUP. % REC.	RPD
BENZENE	<0.025	0.400	0.444	111	0.391	98	13
CHLOROBENZENE	<0.025	0.400	0.389	97	0.363	91	7
1,1-DICHLOROETHENE	<0.010	0.400	0.285	71	0.269	67	6
TETRACHLOROETHENE	<0.010	0.400	0.293	73	0.260	65	12
TOLUENE	<0.025	0.400	0.408	102	0.380	95	7
TRICHLOROETHENE	<0.010	0.400	0.342	86	0.286	71	18
TOTAL XYLENES	<0.025	1.20	1.18	98	1.05	88	12

$$\% \text{ Recovery} = \frac{(\text{Spiked Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{|(\text{Spike Result} - \text{Dup. Spike Result})|}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

ATI I.D. # 9109-089

PCB ANALYSIS
DATA SUMMARY

CLIENT	: RYAN-MURPHY INCORPORATED	DATE SAMPLED	: N/A
PROJECT #	: 2132	DATE RECEIVED	: N/A
PROJECT NAME	: FIRESTONE	DATE EXTRACTED	: 09/14/91
CLIENT I.D.	: REAGENT BLANK	DATE ANALYZED	: 09/16/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
EPA METHOD	: 8080	DILUTION FACTOR	: 1

RESULTS BASED ON DRY WEIGHT

COMPOUND	RESULT
PCB 1016	<0.025
PCB 1221	<0.025
PCB 1232	<0.025
PCB 1242	<0.025
PCB 1248	<0.025
PCB 1254	<0.025
PCB 1260	<0.025

Analytical Technologies, Inc.

ATI I.D. # 9109-089-5

PCB ANALYSIS
DATA SUMMARY

CLIENT	: RYAN-MURPHY INCORPORATED	DATE SAMPLED	: 09/11/91
PROJECT #	: 2132	DATE RECEIVED	: 09/11/91
PROJECT NAME	: FIRESTONE	DATE EXTRACTED	: 09/14/91
CLIENT I.D.	: WW-2	DATE ANALYZED	: 09/16/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
EPA METHOD	: 8080	DILUTION FACTOR	: 1

RESULTS BASED ON DRY WEIGHT

COMPOUND	RESULT
PCB 1016	<0.025
PCB 1221	<0.025
PCB 1232	<0.025
PCB 1242	<0.025
PCB 1248	<0.025
PCB 1254	<0.025
PCB 1260	<0.033

Analytical Technologies, Inc.

ATI I.D. # 9109-089-6

PCB ANALYSIS
DATA SUMMARY

CLIENT	: RYAN-MURPHY INCORPORATED	DATE SAMPLED	: 09/11/91
PROJECT #	: 2132	DATE RECEIVED	: 09/11/91
PROJECT NAME	: FIRESTONE	DATE EXTRACTED	: 09/14/91
CLIENT I.D.	: SC-2	DATE ANALYZED	: 09/16/91
SAMPLE MATRIX	: SOIL	UNITS	: mg/Kg
EPA METHOD	: 8080	DILUTION FACTOR	: 1

RESULTS BASED ON DRY WEIGHT

COMPOUND	RESULT
PCB 1016	<0.025
PCB 1221	<0.025
PCB 1232	<0.025
PCB 1242	<0.025
PCB 1248	<0.025
PCB 1254	<0.025
PCB 1260	<0.033

Analytical Technologies, Inc.

ATI I.D. # 9109-089

PCB ANALYSIS
QUALITY CONTROL DATA

CLIENT	: RYAN-MURPHY INCORPORATED	SAMPLE I.D. #	: 109185-02
PROJECT #	: 2132	DATE EXTRACTED	: 09/14/91
PROJECT NAME	: FIRESTONE	DATE ANALYZED	: 09/16/91
EPA METHOD	: 8080	UNITS	: mg/Kg
SAMPLE MATRIX	: SOIL		

COMPOUND	SAMPLE RESULT	SPIKE ADDED	SPIKED RESULT	% REC.	DUP. SPIKED RESULT	DUP. % REC.	RPD
PCB 1260	<0.025	0.36	0.31	86	0.29	81	7

$$\% \text{ Recovery} = \frac{(\text{Spiked Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{|(\text{Spike Result} - \text{Dup. Spike Result})|}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

ATI I.D. # 9109-089

PCB ANALYSIS
QUALITY CONTROL DATA

CLIENT	: RYAN-MURPHY INCORPORATED	SAMPLE I.D. #	: BLANK SPIKE
PROJECT #	: 2132	DATE EXTRACTED	: 09/14/91
PROJECT NAME	: FIRESTONE	DATE ANALYZED	: 09/16/91
EPA METHOD	: 8080	UNITS	: mg/Kg
SAMPLE MATRIX	: SOIL		

COMPOUND	SAMPLE RESULT	SPIKE ADDED	SPIKED RESULT	% REC.	DUP. SPIKED RESULT	DUP. % REC.	RPD
PCB 1260	<0.025	0.33	0.28	85	N/A	N/A	N/A

$$\% \text{ Recovery} = \frac{(\text{Spiked Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{|(\text{Spike Result} - \text{Dup. Spike Result})|}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

ATI I.D. # 9109-089

TCLP
METALS ANALYSIS

CLIENT : RYAN-MURPHY INCORPORATED MATRIX : LEACHATE
PROJECT # : 2132
PROJECT NAME : FIRESTONE

ELEMENT	DATE LEACHED	DATE PREPARED	DATE ANALYZED
ARSENIC (SAMPLE -5)	09/16/91	09/17/91	09/18/91
ARSENIC (SAMPLE -6)	09/12/91	09/17/91	09/18/91
BARIUM (SAMPLE -5)	09/16/91	09/17/91	09/18/91
BARIUM (SAMPLE -6)	09/12/91	09/17/91	09/18/91
CADMIUM (SAMPLE -5)	09/16/91	09/17/91	09/18/91
CADMIUM (SAMPLE -6)	09/12/91	09/17/91	09/18/91
CHROMIUM (SAMPLE -5)	09/16/91	09/17/91	09/18/91
CHROMIUM (SAMPLE -6)	09/12/91	09/17/91	09/18/91
LEAD (SAMPLE -5)	09/16/91	09/17/91	09/18/91
LEAD (SAMPLE -6)	09/12/91	09/17/91	09/18/91
MERCURY (SAMPLE -5)	09/16/91	09/18/91	09/19/91
MERCURY (SAMPLE -6)	09/12/91	09/18/91	09/19/91
SELENIUM (SAMPLE -5)	09/16/91	09/17/91	09/19/91
SELENIUM (SAMPLE -6)	09/12/91	09/17/91	09/19/91
SILVER (SAMPLE -5)	09/16/91	09/17/91	09/18/91
SILVER (SAMPLE -6)	09/12/91	09/17/91	09/18/91

Analytical Technologies, Inc.

ATI I.D. # 9109-089

TCLP
METALS ANALYSIS
DATA SUMMARY

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

MATRIX : LEACHATE
UNITS : mg/L

ELEMENT	WW-2 -5	SC-2 -6	REAGENT BLANK
ARSENIC	<0.050	<0.050	<0.050
BARIUM	0.33	0.26	<0.010
CADMIUM	<0.0020	<0.0020	<0.0020
CHROMIUM	<0.010	<0.010	<0.010
LEAD	<0.030	<0.030	<0.030
MERCURY	<0.00020	<0.00040	<0.00020
SELENIUM	<0.050	<0.050	<0.050
SILVER	<0.0050	<0.0050	<0.0050

Analytical Technologies, Inc.

ATI I.D. # 9109-089

TCLP
METALS ANALYSIS
QUALITY CONTROL DATA

CLIENT : RYAN-MURPHY INCORPORATED
PROJECT # : 2132
PROJECT NAME : FIRESTONE

MATRIX : LEACHATE
UNITS : mg/L

ELEMENT	ATI I.D.	SAMPLE RESULT	DUP RESULT	RPD	SPIKED RESULT	SPIKE ADDED	% REC
ARSENIC	9109-089-5	<0.050	<0.050	NC	0.97	1.0	97
BARIUM	9109-089-5	0.33	0.33	0	1.2	1.0	87
CADMIUM	9109-089-5	<0.0020	<0.0020	NC	0.92	1.0	92
CHROMIUM	9109-089-5	<0.010	<0.010	NC	0.94	1.0	94
LEAD	9109-089-5	<0.030	<0.030	NC	0.94	1.0	94
MERCURY	9109-089-6	<0.00020	<0.00020	NC	0.0011	0.0010	110
SELENIUM	9109-089-5	<0.050	<0.050	NC	0.99	1.0	99
SILVER	9109-089-5	<0.0050	<0.0050	NC	0.91	1.0	91

NC = Not Calculable.

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

CONFIRMATION

SAMPLES CHAIN OF CUSTODY

DOCUMENTATION

Analytical Technologies, Inc.

560 Naches Avenue SW, Suite 101 Renton, WA 98055 (206)228-8335

Chain of Custody

LABORATORY NUMBER: 107185

DATE 9-12-91 PAGE 1 OF 1

PROJECT MANAGER: Karen Meyon

COMPANY:

ADDRESS:

PHONE: SAMPLED BY:

SAMPLE DISPOSAL INSTRUCTIONS

☒ ATI Disposal @ $5.00 each ☐ Return

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID
9109-089-5	9-11-91		Soil	01
1 6	1		1	02

	8010 Halogenated Volatiles	8020 Aromatic Volatiles	8020 BETX ONLY	8240 GCMS Volatiles	8270 GCMS BNA	8310 HPLC PNA	8080 Pesticides & PCB's	8080 PCB's ONLY	8140 Phosphate Pesticides	8150 Herbicides	WDOE PAH/HH (WAC 173)	418.1 (TPH)	413.2 Grease & Oil	8015 (Modified)	TOC 9060	TOX 9020	% Moisture	EP TOX Metals (8) EP EXT	Priority Pollutant Metals (13)	TCLP ONLY: 8080 Pesticide (4)	TCLP ONLY: 8240 ZH-EXT	TCLP ONLY: 8270	TCLP ONLY: 8150 Herbicides (2)	TCLP ONLY: Metals (8)			NUMBER OF CONTAINERS
01								✓									✓										1
02								✓									✓										1

PROJECT INFORMATION

PROJECT NUMBER: 9109-089

PROJECT NAME: RMI / 2132

PURCHASE ORDER NUMBER:

ONGOING PROJECT? YES ☐ NO ☐

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS	2
COC SEALS/INTACT? Y/N/NA	N
RECEIVED GOOD COND./COLD	Y
RECEIVED VIA:	FX

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

TAT: (NORMAL) ☐ 2WKS (RUSH) ☐ 24HR ☐ 48 HRS ☐ 72 HRS ☐ 1 WK

GREATER THAN 24 HR. NOTICE? YES ☐ NO ☐ (LAB USE ONLY)

SPECIAL INSTRUCTIONS:

due 9/25/91 List - 10%

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Time: Friday 16:00	Signature: Time:	Signature: Time:
Printed Name: Date: D. McKinney 9/12/91	Printed Name: Date:	Printed Name: Date:
Company: ATI WA	Company:	Company:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY: (LAB) 3.**
Signature: Time:	Signature: Time:	Signature: Time: Glen Pitre 09:30
Printed Name: Date:	Printed Name: Date:	Printed Name: Date: Greg Pirie 9/13/91
Company:	Company:	Analytical Technologies, Inc.

SOIL DISPOSAL ACCEPTANCE LETTERS

RMH
Ryan-Murphy, Incorporated
Environmental Construction

el Systems Consulting

derground Storage
Tank Management
Programs

Fuel Systems
nstruction and
vice

neral Contracting
d Complete
Build-Up

Site Remedial Action

Good Earth
Machine™

O. Box 16863
07 Broadway
Denver, Colorado 80216
303) 293-Fuel (3835)
: (303) 296-7911

Granite, Suite E
rona, California 91719
4) 279-6210
ax (714) 279-6215

October 22, 1991

Mr. Steve Burke
Waste Screening Program
Seattle/Kings County Health Agency
172 20th Avenue
Seattle, WA 98122

Re: Approval to landfill used oil contaminated soil
from Firestone Store @ 1012 164th Street S.E.
Mill Creek, WA

Dear Mr. Burke:

As per our phone conversation of last week, and with regards to the referenced site, enclosed please find copies of the analytical results for approximately 50 tons of soil from around an old underground tank location, that has been minimally impacted with used oil.

I have had a phone conversation with Mr. Dick Daniels at the Coal Creek Landfill, and based upon the analytical results which I described to him by phone, the soil would be acceptable to his facility, providing that its acceptance is granted by your agency.

I would appreciate it if you could review the attached data at your earliest convenience, so that we may remove the soil from this site and dispose of it as soon as possible.

Thank you for your time and efforts. I look forward to hearing from you.

Cordially,

Neal H. Holdridge
Western Operations

enclosure

cc: Addressee
Corona file

NOTE:

Samples were taken during overexcavation proceedings, at which time all excavated material was stockpiled. Sample numbers correspond thusly:

UT-2	under old tank location
NW-2	north wall of excavation
SW-2	south wall of excavation
EW-2	east wall of excavation
WW-2	west wall of excavation
SC-2	spoils pile

TPH was run on all six samples. Additional analyses for VOC's, PCB's and TCLP metals was run on samples WW-2 and SC-2.

NOV - 4 1991

City of Seattle
Norman B. Rice, *Mayor*

King County
Tim Hill, *Executive*

Seattle-King County Department of Public Health

TO: Richard Ramsey, Rebanco
Jay Underwood, Site Foreman, Coal Creek Landfill

FROM: Steve Burke, Senior Environmental Health Specialist
Chemical/Physical Hazards Program

DATE: October 29, 1991

SUBJECT: **WASTE MATERIAL CLEARED FOR DISPOSAL AT COAL CREEK LANDFILL**

This is to advise you that we find that the waste material listed from the following company currently acceptable for the landfill at Coal Creek.

Generator:	Bridgestone/Firestone Tire and Rubber Environmental Affairs 45 Wing 3 1200 Firestone Parkway Akron Ohio 44317	Contact: Kathleen Scheutzow (216) 379-3737
Transporter:	*will be determined at a later date*	
Material:	Soil excavated with the removal of an underground used oil tank at 1912 - 164th St., S.E., Mill Creek, Wa.	
Amount:	Approximately 50 tons. Approximate total weight 50 tons.	
Frequency:	This one time only.	
Expiration Date:	January 29, 1991	

The above substances were found not to meet the State DOE definitions for either extremely hazardous waste or dangerous waste or Federal EPA criteria for hazardous waste or toxic substances. A summary of the available chemical analysis is attached, if applicable.

Please note that it is only the described materials that are acceptable for disposal. Any other type of questionable waste from this company will require separate review and analysis.

If you have any questions or need additional information, please call me at 296-4633 (FAX 296-0188).

SJB:ab<steve4>firestone

cc: Winnie Hooker, EPA
John Conroy, Hazardous Waste, Northwest Office DOE
Gary Irvine, EHS Supervisor, Southeast EHS Office
Wallace Swofford, EHS Supervisor, Smith Tower, SKCDPH
Generator and Transporter listed above.
Ryan-Murphy, Inc., Attn: N. Holdridge, 211 Granite, Suite E., Corona, CA 91719

Attachment

WASTE SCREENING CHECKLIST

W.S.# N/A

Seattle-King County Department of Public Health

Generator: Bridgestone/Firestone

Date: October 29, 1991

Materials: Soil

WAC 173-303	TITLE OR TEST	DONE	RESULT	COMMENTS
-090	D.W. Characteristics a) Ignitability b) Corrosivity c) Reactivity d) T.C.L.P.	d) Y	d) Not D.W.	
-101	Toxic D.W. a) Equivalent Conc. b) Bioassay			
-102	Persistent D.W. a) Halogenates b) PAH's	a) Y	a) Not D.W.	a) l.t. MTCA
-103	Carcinogenic D.W.			
Other	a) TPH	a) Y	a) l.t. 100 ppm	a) l.t. MTCA
	b) B-E-T-X	b) Y	b) Not D.W.	b) l.t. MTCA
	c) PCB's	c) Y	c) Not D.W.	c) l.t. MTCA

Abbreviations:

Y = Yes; N = No; NA = Not Applicable; WAC = Washington Administrative Code
D.W. = Dangerous Waste; PAH = Polycyclic Aromatic Hydrocarbons;
D.O.E. = Department of Ecology; l.t. = less than; g.t. = greater than;
B = Benzene; E = Ethylbenzene; T = Toluene; X = Xylenes - total unless otherwise specified
TPH = total petroleum hydrocarbons; ND = Not Detected;
TCLP = Toxicity Characteristic Leaching Procedure

SB:jl(Steve)WSTSCRCK

SOIL DISPOSAL RECEIPT

INVOICE

COAL CREEK DEVELOPMENT CORPORATION

Dump Site Location
15401 NEW CASTLE ROAD
ISSAQUAH, WA 98027
(206) 277-0270

Billing Office
4730 32ND AVENUE SOUTH
SEATTLE, WA 98118
(206) 725-1700

file 2132

INVOICE NO. 274175

Date 11-6-91

Job #

P.O. #

SOLD TO: RYAN MURPHY'S INC.

PLACE OF ORIGIN: MILL CREEK

HAULER: STONE # 33

Acct. # | Pick-Up ☐ | Cash ☐ | Check ☒ # 2233

Load Description	Check One	Type Code		Yards	Price	Area Code	Amount
A. Dirt, clean fill	WET ☒	Dirt 31	1	20	3.25/YD	2	65.00
B. Sand, black-top, concrete, brick and ash	☐	Sand 32	2		RUBX	2	59
C. Demolition materials including: wood, rubble, roofing, wet dirt, lumber, large rocks and all mixed construction wastes	☐	Demo 33	3		10 YD	TAL	67.59
D. Wood products: large stumps, logs, piling, lumber and timbers longer than six feet	☐	Wood 34	4				
E. Debris: appliances and furniture, etc.	☐	DB3 35	5				
F. Yard waste: leaves, brush, branches, compacted or mulched material	☐	Brsh 36	6				
G. Glass	☐	Glas 37	7				
H. Mud	☐	Mud 38	8				
I. King County approved cleaned soils & dredges	☐	Drt1 39	9				
			10				

Assistance: ☐ Unloading ☐ Gas ☐ Backhoe

A monthly statement will be sent. Billings by the 25th are due by the 10th of the following month.

Finance Charge: 1½% per month charged on past due balance over 30 days with a minimum charge of $1.00.

ITEMS NOT ACCEPTED: LIQUID WASTES OR HAZARDOUS MATERIALS OF ANY KIND! ALL DAMAGES INCURRED BY THESE MATERIALS WILL BE CUSTOMER'S LIABILITY. NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

X Dan Buchtel
Customer Signature

KEEP FOR YOUR RECORDS

ORIGINAL

STATE OF WA DOE CLOSURE CHECKLIST

UNDERGROUND STORAGE TANK
Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a **Licensed Decommissioning Supervisor.** The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a **Service Provider.** If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: Bridgestone/Firestone

Owners Address: 1200 Firestone Parkway (Street) (P.O. Box)

Akron, Ohio (City) 44317 (State) (ZIP-Code)

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered):

Site/Business Name: Bridgestone/Firestone

Site Address: 1012 164th S.E. Mill Creek (Street) (County)

(City) (State) (ZIP-Code)

2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: A.G.A. Systems Inc. License Number: 5002032

Address: 13655 S.E. 132ND AVE. (Street) (P.O. Box)

Clackamas (City) OR (State) 97015 (ZIP-Code)

Telephone: (503) 698-2070

Licensed Supervisor: Michael D. Osborne Decommissioning License Number: W001446

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): _____ 2. Year installed: _____

3. Tank capacity in gallons: 500 4. Last substance stored: WASTE OIL

4. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination

_____ Investigate suspected release due to off-site environmental contamination

_____ Extend temporary closure of UST system for more than 12 months

_____ UST system undergoing change-in-service

_____ UST system permanently closed-in-place

✓ UST system permanently closed with tank removed

_____ Required by Ecology or delegated agency for UST system closed before December 22, 1988

_____ Other (describe): _____

5. CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	Yes	No
1. Has the site check/site assessment been conducted according to applicable procedures specified in the UST site check/site assessment guidance issued by the Department of Ecology?	✓	
2. Has a release from the UST system been confirmed? *NOTE: Owners/operators must report all confirmed releases to the Department of Ecology or delegated agency within 24 hours.*	✓	
3. Are the results of the site check/site assessment enclosed with this checklist? *NOTE: Two copies of the site check/site assessment results must be submitted to the Department of Ecology according to the reporting requirements specified in the UST site check/site assessment guidance.*		

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

11-27-91
Date

Michael D. Osborne
Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

11-27-91
Date

FOR FIRESTONE
Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

The purpose of this form is to certify the proper investigation of an UST site for the presence of a release. These activities shall be conducted in accordance with Chapter 173.360 WAC. A description of the various situations requiring a site check or site assessment is provided in the guidance document for UST site checks and site assessments.

This Site Check/Site Assessment Checklist shall be completed and signed by a person registered with the Department of Ecology to perform site assessments.

Two copies of the results of the site check or site assessment should be included with this checklist according to the reporting requirements in the guidance document for UST site checks and site assessments.

For further information about completing this form, please contact the Department of Ecology UST Program.

The completed checklist should be mailed to the following address:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: Bridgestone / Firestone

Owners Address: 1200 Firestone Parkway (Street) (P.O. Box)

Akron (City) Ohio (State) 44317 (ZIP-Code)

Telephone: ( )

Site ID Numcer (on invoice or available from Ecology if tank is registered):

Site/Business Name: Bridgestone/Firestone

Site Address: 1012 164th S.E. Mill Creek (Street) (County)

(City) (State) (ZIP-Code)

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person: Michael D. Osborne

Address: 7632 SE. 267th (Street) (P.O. Box)

Gresham (City) OR (State) 97080 (ZIP-Code)

Telephone: (503) 698-7070

AnalyticalTechnologies, Inc.

560 Naches Avenue SW, Suite 101 Renton, WA 98055 (206)228-8335

Chain of Custody

DATE 9/11/91 PAGE 1 OF 1

LABORATORY NUMBER: 9169-089

PROJECT MANAGER: West Haldane

COMPANY: Ayon - Murphy, Inc.

ADDRESS: 611 Granite, Suite E

Corona, Ca. 91719

PHONE: 714/279-6210 SAMPLED BY: Jes Cuellar

SAMPLE DISPOSAL INSTRUCTIONS

☒ ATI Disposal @ $5.00 each ☐ Return

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	8010 Halogenated Volatiles	8020 Aromatic Volatiles	8020 BETX ONLY	8240 GCMS Volatiles	8270 GCMS BNA	8310 HPLC PNA	8080 Pesticides & PCB's	8080 PCB's ONLY	8140's Phosphate Pesticides	8150 Herbicides	WDOE PAH/H (WAC 173)	418.1 (TPH)	413.2 Grease & Oil	8015 (Modified)	TOC 9060	TOX 9020	% Moisture	EP TOX Metals (8) EP EXT	Priority Pollutant Metals (13)	TCLP ONLY: 8080 Pesticide (4)	TCLP ONLY: 8240 ZH-EXT	TCLP ONLY: 8270	TCLP ONLY: 8150 Herbicides (2)	TCLP ONLY: Metals (8)			NUMBER OF CONTAINERS
UT-2	9/11/91	1230		-1												X															2
NW-2	9/11/91	1240		2												X															2
SW-2	9/11/91	1245		3												X															2
EW-2	9/11/91	1250		4												X															2
WW-2	9/11/91	1255		5												X															2
SC-2 (Grab w/c)	9/11/91	1330			X		X					X				X												X			1

PROJECT INFORMATION

PROJECT NUMBER: 2132

PROJECT NAME: Fairstone

PURCHASE ORDER NUMBER:

ONGOING PROJECT? YES ☒ NO ☐

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS: 11

COC SEALS/INTACT? Y/N/NA: Y/Y

RECEIVED GOOD COND./COLD: Y/Y

RECEIVED VIA: HAND DLVR

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

TAT: (NORMAL) ☐ 2WKS (RUSH) ☒ 24HR ☐ 48 HRS ☐ 72 HRS ☐ 1 WK

GREATER THAN 24 HR. NOTICE? YES ☐ NO ☐ (LAB USE ONLY)

SPECIAL INSTRUCTIONS: NO 24 hr. rush on sample SC-2 !! Run 8020 (BetX) 8010 (Purgeables, TCLP (metals) and 8080 (PCB's) on highest ranking sample only (i.e. 1-5)

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Time: 1545	Signature: Time:	Signature: Time:
Printed Name: Date: Jose Cuellar 9/11/91	Printed Name: Date:	Printed Name: Date:
Company:	Company:	Company:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY: (LAB) 3.**
Signature: Time: Rowena Saturay 1540	Signature: Time:	Signature: Time:
Printed Name: Date: ROWENA SATURAY 9/11/91	Printed Name: Date:	Printed Name: Date:
Company: ATI-WA	Company:	Analytical Technologies, Inc.

ATI Labs: San Diego (619)458-9141 • Phoenix (602)438-1530 • Seattle (206)228-8335 • Pensacola (904)474-1001 DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR

TABLE OF SOIL SAMPLE

ANALYTICAL RESULTS