

BASELINE

ENVIRONMENTAL CONSULTING

10 July 2003
Y3515

ASST
DEC 0 0 2004
ENVIRONMENTAL CONSULTING

RECEIVED
OCT 28 2004
FIRE PREVENTION

Mr. Larry Appleton
Hanson Aggregates Mid Pacific, Inc.
3000 Busch Road
Pleasanton, California 94566

Subject: Tank Removal Activities, 3000 Busch Road, Pleasanton, California

Dear Mr. Appleton:

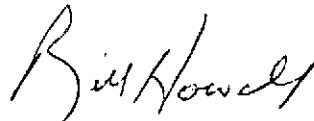
Please find enclosed our report on tank removal activities at 3000 Busch Road in Pleasanton. Two tanks were removed in May 2003 and no apparent releases had occurred from tank operations. We recommend that the enclosed report be submitted to the Livermore-Pleasanton Fire Department for consideration for site closure.

Please contact us if you have any questions or comments regarding this report.

Sincerely,



Yane Nordhav
Principal
Reg. Geologist No. 4009



Bill Howell
Associate Geologist

YN:BH:cr
Enclosures

Y3515fin rpt.wpd-7/9/03

REPORT ON
TANK REMOVAL
ACTIVITIES

3000 BUSCH ROAD
PLEASANTON, CALIFORNIA

July 2003

For:
Hanson Aggregates Mid Pacific, Inc.
Pleasanton, California

Y3515

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REPORT ON TANK REMOVAL ACTIVITIES

**Hanson Aggregates Mid Pacific, Inc.
Pleasanton, California**

INTRODUCTION

This report documents the removal of one 12,000-gallon diesel and one 10,000-gallon gasoline underground storage tank (UST) from the Hanson Aggregates Mid Pacific, Inc. facility (site) at 3000 Busch Road in Pleasanton, California (Figure 1). BASELINE retained a tank removal contractor, Controlled Environmental Services (CES), to obtain the permits and remove the tanks and associated piping from the site. The location of the tanks, with respect to the site, is shown on Figure 2. Permits to remove both tanks were obtained from the Livermore-Pleasanton Fire Department. In addition, a Regulation 8 Rule 40 Notification form was submitted to the Bay Area Air Quality Management District. Copies of all permits and notifications are included in Appendix A. A copy of the Site Safety Plan, prepared for use at the site, is also included in Appendix A.

BACKGROUND

The USTs removed from the site were formerly used to fuel vehicles and equipment. The 12,000-gallon tank had stored diesel fuel and the 10,000-gallon tank had stored gasoline. The tanks consisted of double-walled steel with a fiberglass coating, and were approximately 13 years old. The tank pit was covered by a steel-reinforced concrete pad. A fuel island and two fuel dispensers were located on a concrete pad directly over the tanks. Product lines connecting the dispensers to fuel pumps and the tanks did not extend beyond the tank pit. Specific features, including the location of piping, are shown on Figure 3.

FIELD ACTIVITIES

On 19 May 2003, CES began preparing the site. The fuel dispensers were separated from the tanks, and residual fuel in the tanks was pumped out. Clearwater Environmental Management (Clearwater) was contracted to pump out any remaining product in the tanks, and removed approximately 150 gallons of gasoline and 1,400 gallons of diesel fuel. Following removal of the product, the product lines and the interior of the tanks were pressure-washed. Clearwater removed approximately 900 gallons of rinse water generated while cleaning the product lines and tanks. A total of 2,450 gallons of fuel-water mixture was transported as non-RCRA hazardous waste liquid for disposal at Alviso Independent Oil in Alviso, California. A copy of the hazardous waste manifest for this liquid is included in Appendix B.

On 20 May 2003, CES completed demolition of the concrete pad, removed the dispensers, and exposed the tanks and pea gravel that filled the tank pit (Figure 4).

Samples of the pea gravel from beneath each of the diesel and gasoline dispensers were collected from a depth of about 1.0 to 1.5 feet below the base of the fuel island using a hand-percussion sampling device containing a stainless-steel tube (sample numbers Dg-1;1.0-1.5 and Dd-1;1.0-1.5, respectively). The sampling tubes were sealed with Teflon film, plastic caps, and silicone tape; labeled; placed in plastic bags; and stored in a cooled container. The samples were subsequently transported under chain-of-custody procedures to Severn Trent Laboratories, Inc (STL), a California-certified analytical laboratory in Pleasanton, for analysis.

Following collection of samples from beneath the dispensers, CES removed pea gravel from the tank pit to expose each tank and to remove the product lines, pumps, and associated piping. Pea gravel was also removed from the sides of each tank and some native sand was removed in the process. The excavated pea gravel and native soil were temporarily stockpiled on plastic sheeting adjacent to the tank pit. The pea gravel and limited native sand were stockpiled in stockpiles 3 and 4 (Figure 3).

Two sections of slotted PVC casing that had been used as tank pit monitoring wells were removed, as were the stingers inside the tanks, and a high-capacity fuel pump for the diesel tank. Following removal of all piping, dry ice was placed inside each tank. Some openings in the tanks were then sealed to assist with venting the petroleum vapors.

On 21 May 2003, CES added additional dry ice to each tank prior to removal. A total of 500 pounds of dry ice was placed in the gasoline tank, and a total of 300 pounds of dry ice was placed in the diesel tank. Oxygen and liquid explosive limit (LEL) readings were collected from each tank prior to lifting them from the tank pit. The oxygen and LEL readings from the gasoline tank were 2.4 ppm and 12 percent, respectively. The oxygen and LEL readings from the diesel tank were 8.7 ppm and 3 percent, respectively. With the approval of Mr. Rigter, Hazardous Materials Inspector for the Livermore-Pleasanton Fire Department, each tank was removed using a crane (Figure 4). After removal, each tank was brushed to expose the exterior surface and inspected (Figure 5). Both tanks were in good condition and no holes or staining were observed. The tanks were loaded onto a truck and transported as a hazardous waste to Ecology Control Industries in Richmond. A copy of the hazardous waste manifest for each tank is included in Appendix B.

After the tanks had been removed, additional pea gravel was removed to uncover the bottom of the tank pit and enable an inspection of the native soil for any evidence that a release of petroleum product had occurred. This material was placed in stockpile 2. No evidence of staining or other signs of a petroleum release were observed in the soils beneath the tank pit or in the side walls.

While removing pea gravel from around the diesel tank, a faint petroleum odor was noticed. The source of the odoriferous pea gravel/sand may have been from small volume(s) of fuel released during the disconnection of dispensers or fuel lines from the tanks. Approximately seven cubic yards of odoriferous material were placed in a separate stockpile (stockpile 1 on Figure 3) to segregate it for subsequent sampling. The total volume of material that was removed from the tank pit and placed in stockpiles was estimated to be between 100 and 120 cubic yards.

At the direction of Mr. Rigter, samples of native soil were collected at three locations from beneath each tank (SD-1 through SD-3 and SG-1 through SG-3) (Figure 3). The samples were collected from a depth of about 16.5 feet; no water was encountered. The soil samples were collected from the bucket on the tank excavator using a hand-percussion sampling device to drive a stainless steel tube into the soil. Immediately after collection, each sampling tube was sealed with Teflon film, plastic caps, and silicone tape; labeled; placed in plastic bags; and stored in a cooled container. These samples were subsequently transported under chain-of-custody procedures to STL for analysis on a 24-hour turn-around basis.

Three large stockpiles and one small stockpile were generated during removal of the tanks. These stockpiles were composed primarily of pea gravel but contained some sand from excavation along the side walls and bottom of the tank pit. One sample from each stockpile was collected in the manner described above, and transported to STL for analysis on a 24-hour turn-around basis. The sampling locations were chosen by dividing each stockpile into six sections and randomly choosing one of the six locations for sampling.

On 27 May, following receipt of analytical results for the tank pit and stockpile samples, the excavated pea gravel and native soil from stockpiles 2, 3, and 4 were placed back into the tank pit. Additional clean gravel from a commercial sand and gravel yard was used to restore the surface of the tank pit to grade, and the surface was compacted. On 17 June, following receipt of analytical results, the small stockpile (stockpile 1) was moved to a vacant unpaved area of the site and spread out onto the surface.

HYDROGEOLOGY

Subsurface soil beneath the site was exposed in the side walls of the excavation. A gravel fill material was observed to extend from the surface to approximately three feet below ground surface (bgs). Native soil consisting of sand was observed extending from below the gravel fill to approximately 17 feet bgs, which was the total depth of the excavation (Figure 5).

Groundwater was not encountered in the tank pit excavation. The Zone 7 Water Agency, which manages groundwater resources in the Livermore Valley, was contacted regarding depth to groundwater in the site vicinity. Mr. Wyman Hong at Zone 7 reported that the nearest monitoring well (well ID 3S1E15A4) is located approximately one-half mile west of the site. On 14 May 2003, the depth to groundwater in this well was measured to be 95 feet bgs.

ANALYTICAL RESULTS

The analytical results from soil samples collected during tank removal activities are described below and summarized in Table 1. Copies of the laboratory report and chain-of-custody documentation are included in Appendix C.

Samples SG-1, SG-2, and SG-3 were collected from native soil beneath the gasoline tank and analyzed for total petroleum hydrocarbons as gasoline (TPHg); total petroleum hydrocarbons as diesel, with silica gel clean-up (TPHd); volatile organic compounds (VOCs), including methyl

tertiary butyl ether (MTBE), benzene, toluene, ethylbenzene, and total xylene isomers (BTEX); and total lead. These compounds were not detected at or above the laboratory's reporting limit for the analytical methods used.

Samples SD-1, SD-2, and SD-3 were collected from beneath the diesel tank and analyzed for TPHg, TPHd, and total lead. None of these analytes was detected at or above the laboratory's reporting limit for the analytical methods used.

Four individual soil samples were collected from the three large stockpiles (stockpiles 2, 3, and 4), composited into a single sample (SP-1), and analyzed for TPHg and TPHd. These compounds were not detected at or above the laboratory's reporting limit for the analytical methods used.

The soil sample from stockpile 1 (EX-1) was collected from the small stockpile that had been segregated when a petroleum odor was detected in the pea gravel near the high-capacity diesel fuel pump. This sample was analyzed for TPHg and TPHd. TPHg was not detected at or above the laboratory's reporting limit for the analytical method used. TPHd was detected at a concentration of 10 milligrams per kilogram (mg/kg).

Sample Dg-1 was collected from beneath the gasoline dispenser and analyzed for TPHg, TPHd, MTBE, BTEX, and VOCs. These compounds were not detected at or above the laboratory's reporting limit for the analytical methods used.

Sample Dd-1 was collected from beneath the diesel dispenser and analyzed for TPHg and TPHd. TPHg was not detected at or above the laboratory's reporting limit for the analytical method used. TPHd was detected at a concentration of 210 mg/kg.

DISCUSSION

Visual inspection of the tanks indicated they were structurally sound and that a product release from a rupture or other leak had not occurred. Analysis of soil samples collected from native soil below each tank, and from the stockpiled material removed from the tank pit, also indicated that a product release had not occurred. Petroleum hydrocarbons as diesel were detected in two samples (EX-1 and Dd-1), both of which were likely associated with minor releases of fuel that occurred while disconnecting piping lines.

CONCLUSIONS

Visual inspection of the tanks and the tank pit, and laboratory analysis of soil samples from the native sand underlying the tanks, indicate the two fuel tanks at the site were structurally competent and that a release of fuel did not occur during the operation of the tanks. Minor concentrations of TPHd were detected in samples EX-1 and Dd-1. Sample EX-1 was collected from a stockpile of about five cubic yards. The soil/gravel in that stockpile was placed at the ground surface in the yard. Sample Dd-1 was collected from beneath the diesel dispenser. The material was placed in stockpile 3; a random sample from that stockpile was composited with three randomly collected samples from

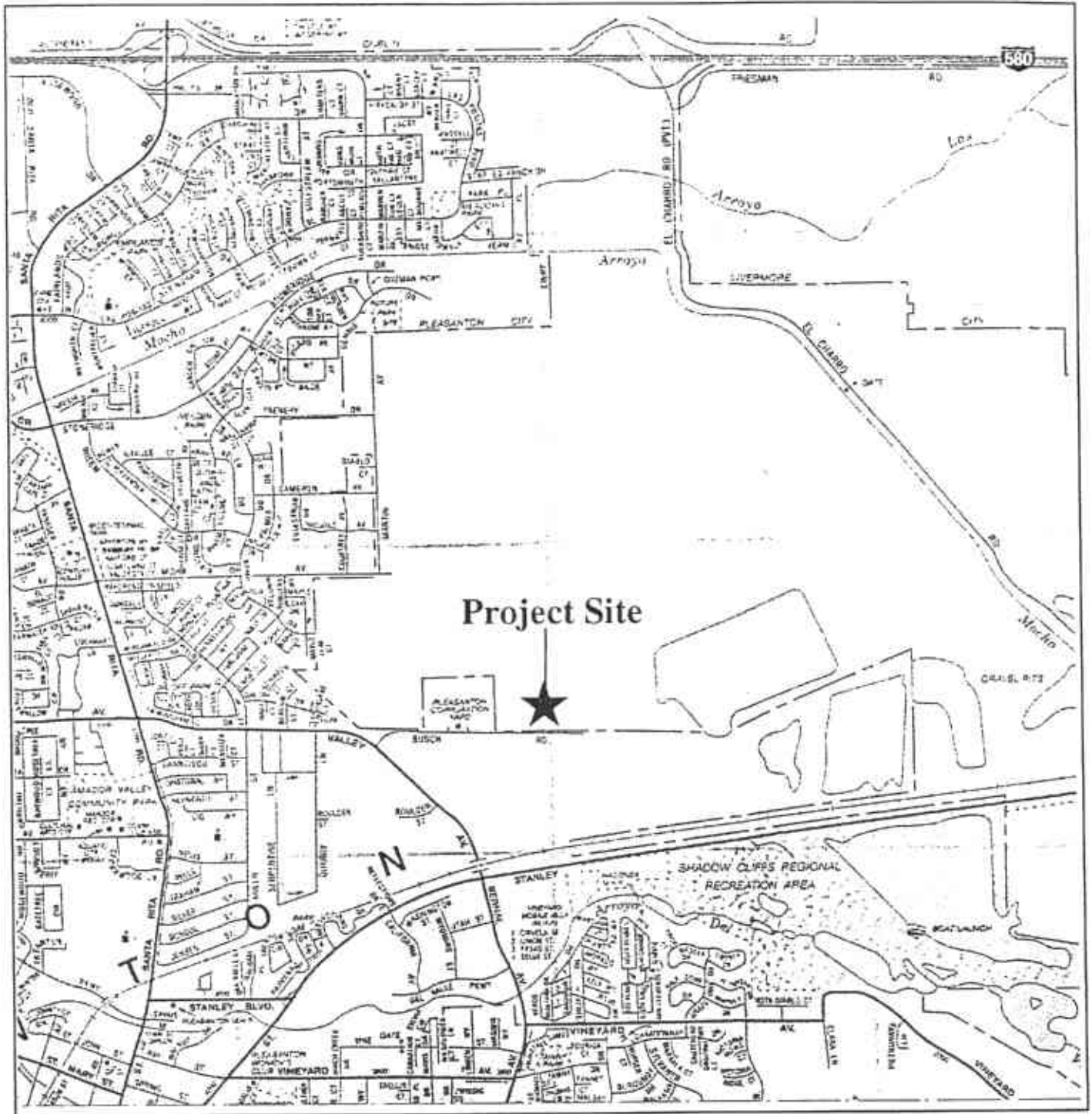
stockpiles 2 and 4. The composite sample did not contain any compounds above the laboratory reporting limits.

RECOMMENDATIONS

Based on the data collected during the tank removal activities, it is recommended that this site be considered for site closure by the Livermore-Pleasanton Fire Department.

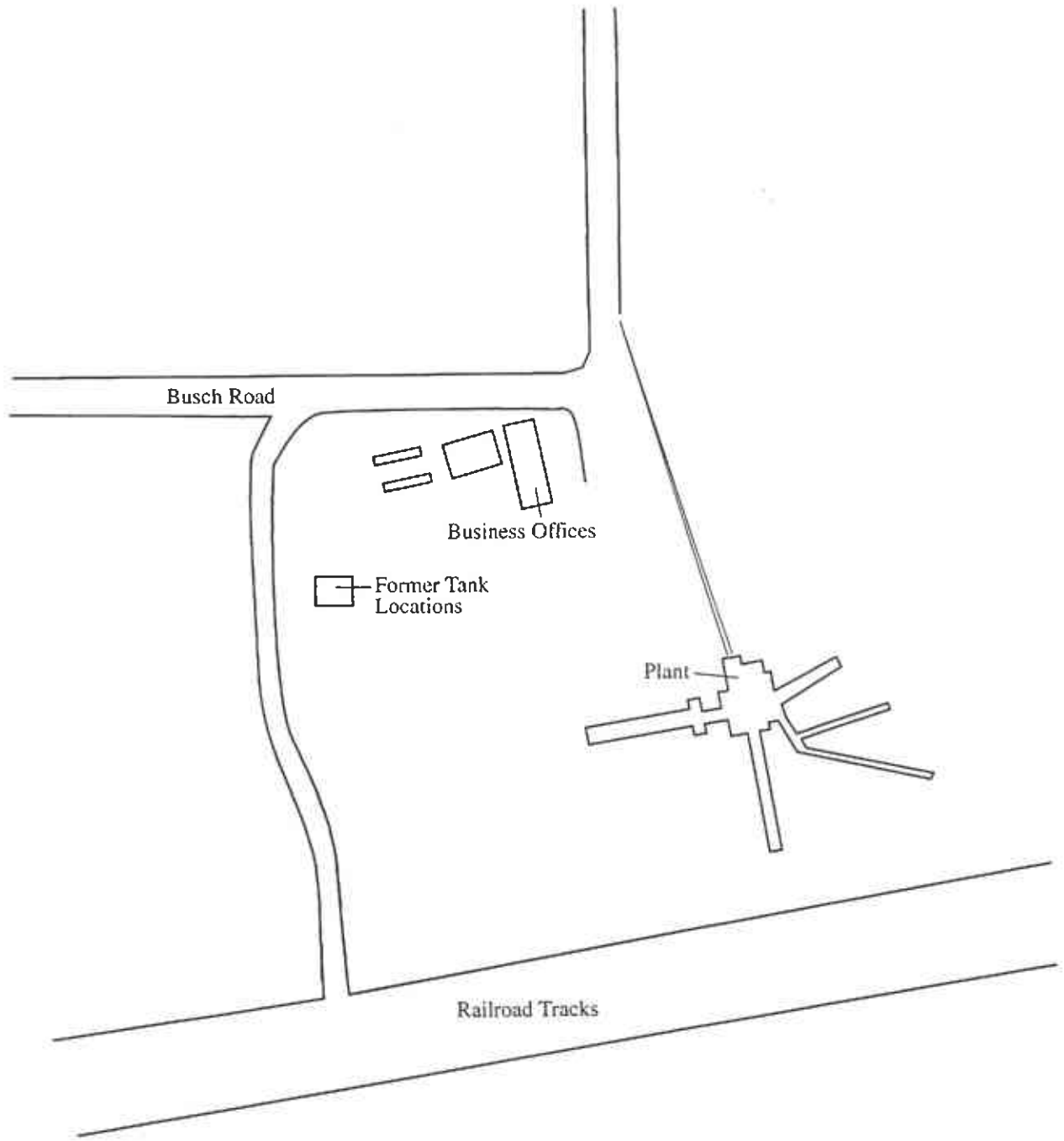
LIMITATIONS

The conclusions presented in this report are professional opinions based on the indicated data described in this report. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study. Changes in the conditions of the subject property can occur with time, because of natural processes or the works of man, on the subject site or adjacent properties. Changes in applicable standards can also occur as the result of legislation or from the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control



Hanson Aggregates Mid Pacific Inc.
3000 Busch Road
Pleasanton, California



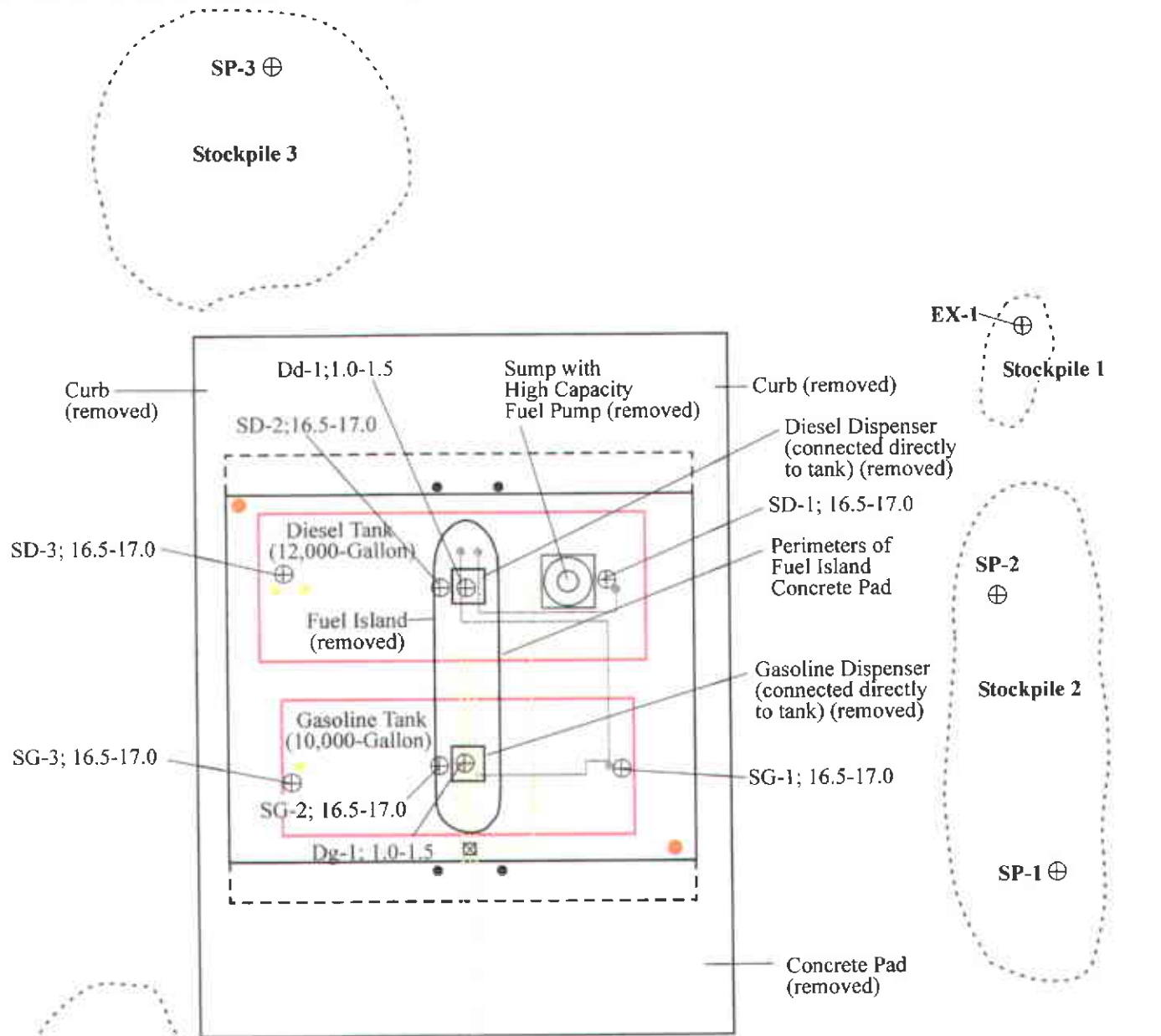


Hanson Aggregates Mid Pacific Inc.
3000 Busch Road
Pleasanton, California



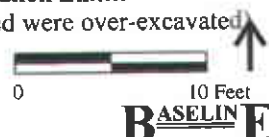
UNDERGROUND STORAGE TANK EXCAVATION AND SOIL SAMPLING LOCATIONS

Figure 3



Legend

- Bollards (removed)
- Observation Well (removed)
- Fill Port
- Vent Pipe/Port (removed)
- Product Line (removed)
- ⊕ SG-1 Soil Sampling Location
- ⊠ High Capacity Fuel Dispenser (removed)
- ⊕ Stock Pile, and Stockpile Number
- Underground Storage Tank (removed)
- Electrical, Water, and Air Lines (removed)
- Remaining Electrical, Water and Air Lines
- - - Excavation Limits (dashed were over-excavated)



Hanson Aggregates Mid Pacific Inc.
 3000 Busch Road
 Pleasanton, California



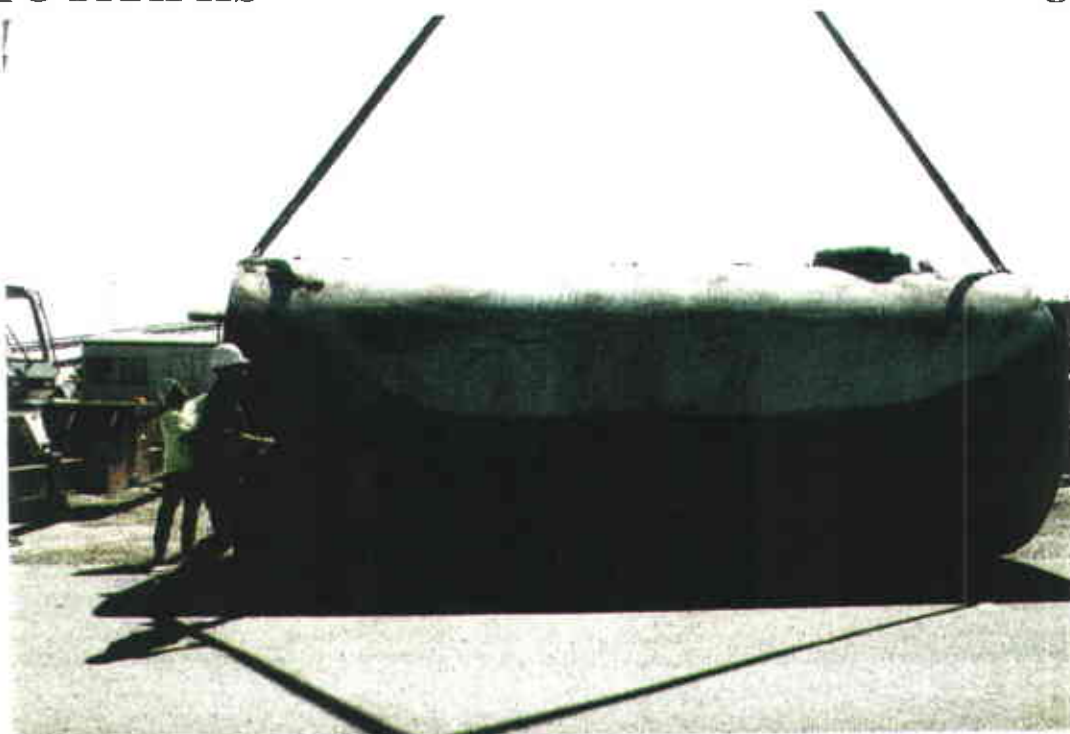
Photograph of underground storage tanks.



Photograph of tank removal.

Hanson Aggregates Mid Pacific Inc.
3000 Busch Road
Pleasanton, California

BASELINE



Photograph of tank inspection.



Photograph of tank pit.

Hanson Aggregates Mid Pacific Inc.
3000 Busch Road
Pleasanton, California

BASELINE

TABLE 1: Summary of Analytical Results; Soils
Hanson Aggregates, Mid Pacific, Inc., Pleasanton, California
(mg/kg)

Sample ID	Sample Depth (feet)	Date Collected	TPH as Diesel ¹	TPH as Gas ¹	MTBE ²	Benzene ²	Toluene ²	Ethylbenzene ²	Xylenes ²	VOCs ²	Total Lead ³
SG-1	16.5-17.0	5/21/2003	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	ND	<5.0
SG-2	16.5-17.0	5/21/2003	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	ND	<5.0
SG-3	16.5-17.0	5/21/2003	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	ND	<5.0
SD-1	16.5-17.0	5/21/2003	<1.0	<1.0	--	--	--	--	--	--	<5.0
SD-2	16.5-17.0	5/21/2003	<1.0	<1.0	--	--	--	--	--	--	<5.0
SD-3	16.5-17.0	5/21/2003	<1.0	<1.0	--	--	--	--	--	--	<5.0
SP-1	Composite ⁴	5/21/2003	<1.0	<1.0	--	--	--	--	--	--	--
Dg-1	1.0-1.5	5/20/2003	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	ND	--
Dd-1	1.0-1.5	5/20/2003	210 ⁵	<1.0	--	--	--	--	--	--	--
EX-1	0.0-0.5	5/21/2003	10 ⁵	<1.0	--	--	--	--	--	--	--

Notes:

<(value) = compound not detected at or above the laboratory reporting limit of the value indicated.

xx = compound detected at indicated concentration above the laboratory reporting limit.

ND = suite of 66 organic compounds were not detected at or above the respective laboratory reporting limit. See laboratory reports in Appendix C.

-- = not analyzed.

VOCs = volatile organic compounds.

Laboratory reports are included in Appendix C.

¹ Analyzed using EPA Method 8015M.

² Analyzed using EPA Method 8260B. Other volatile organic compounds were below laboratory reporting limits.

³ Analyzed using EPA Method 6010B.

⁴ Sample was composited from four individual stockpile samples from stockpiles 2, 3, and 4.

⁵ Laboratory indicated hydrocarbon reported does not match the pattern of the diesel standard.

APPENDIX A
PERMITS, NOTIFICATIONS, AND
SITE SAFETY PLAN

Livermore-Pleasanton Fire Department
 4550 East Avenue
 Livermore, CA 94550
 (925) 454-2364 Fax; (925) 454-2367

UNDERGROUND TANK CLOSURE PLAN

General Information

1. Name of Business: Hanson Aggregates - Pleasanton Yard
 Site Address: 3000 Busch Rd. Pleasanton CA 94566
 Tank Owner/Operator Contact Person: Larry Appleton Phone: 925 454-426-4051
 EPA ID #: CAL00003295 CAL 000032095

2. Property Owner: Hanson Aggregates Mid-Pacific, Inc
 Owner Address: 3000 Busch Road
Pleasanton, CA 94566

* 3. Tank Removal Contractor: Controlled Environmental Services (CES)
 Address: P.O. Box 401 Oakley CA 94561
 Phone: 925-625-1236 License Type: A-HRZ ID #: 807330

4. Required attachments:

- Worker's Compensation Certificate - copy
- Plot Plan
- State "Facility" and "Tank" forms (one two copies)
- Pleasanton: Check payable to the City of Pleasanton
- Livermore: Check payable to the City of Livermore
- Business License

**Livermore-Pleasanton Fire Department
 Fire Prevention Bureau**

These plans/specifications are acceptable base on information shown. They shall not be changed, modified or altered without authorization from the Fire Marshal and all work shall be done in accordance with such approved plans/specifications. This acceptance shall not prevent the Fire Marshal from inquiring correction of errors and does not guarantee that all laws, ordinances, regulations or requirements have been complied with; nor does it permit the violation of any law, ordinance or regulation.

Memo Attached: See Comments On Plans:

REVIEWED BY: [Signature]

TANK INFORMATION

5. Tanks to be closed:

Tank No.	Tank Size (gallons)	Tank Contents (including both current and former, if different)	Materials of construction	Age of Tank
1	12,000	diesel	Steel double-walled	5-10 yrs
2	10,000	gasoline	Fiberglass coating	5-10 yrs
3				
4				
5				
6				

6. Total number of underground tanks at this facility (prior to this closure): 2

CHAZ 200020
 3000 Busch Rd.

COPY
 CONCACOR

STATE P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807
COMPENSATION
INSURANCE

FUND CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

SEPTEMBER 13, 2002

GROUP:
POLICY NUMBER: 1533446-2002
CERTIFICATE ID: 18
CERTIFICATE EXPIRES: 09-01-2003
09-01-2002/09-01-2003

CONTRACTORS STATE LICENSE BOARD
WORKERS' COMPENSATION UNIT
P O BOX 26000
SACRAMENTO CA 95826

LIC 807330
09-01-02
LA DISTRICT OFFICE

This is to certify that we have issued a valid Worker's Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

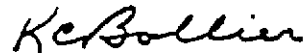
This policy is not subject to cancellation by the Fund except upon 30 days advance written notice to the employer.

We will also give you 30 days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions, and conditions, of such policies.



AUTHORIZED REPRESENTATIVE



PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: \$1,000,000 PER OCCURRENCE

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 09-01-2002 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

CES CONTROLLED ENVIRONMENTAL SVCS. INC
PO BOX 401
OAKLEY CA 94561

Livermore-Pleasanton Fire Department
 4550 East Avenue
 Livermore, CA 94550
 (925) 454-2364 Fax; (925) 454-2367

UNDERGROUND TANK CLOSURE PLAN

General Information

1. Name of Business: Hanson Aggregates - Pleasanton Yard
 Site Address: 3000 Busch Rd. Pleasanton CA 94566
 Tank Owner/Operator Contact Person: Larry Appleton Phone: 925 426-4051
 EPA ID #: CAL00003295

2. Property Owner: Hanson Aggregates Mid-Pacific, Inc
 Owner Address: 3000 Busch Road
Pleasanton, CA 94566

- #3 Tank Removal Contractor: Controlled Environmental Services (CES)
 Address: P.O. Box 401 Oakley CA 94561
 Phone: 925-625-1736 License Type: A-HAZ ID #: 807330

4. Required attachments:
 - Worker's Compensation Certificate copy
 - Plot Plan
 - State "Facility" and "Tank" forms (one two page "Tank" form for each UST removed)
 - Pleasanton: Check payable to the City of Pleasanton
 - Livermore: Check payable to the City of Livermore
 - Business License

TANK INFORMATION

5. Tanks to be closed:

Tank No.	Tank Size (gallons)	Tank Contents (including both current and former, if different)	Materials of construction	Age of Tank
1	12,000	diesel	Steel double-walled. Fiberglass coating	5 ¹⁰ / 8 yrs
2	10,000	gasoline		5 ¹⁰ / 8 yrs
3				
4				
5				
6				

6. Total number of underground tanks at this facility (prior to this closure): 2

7. Length of piping being closed under this plan: 40 feet

8. Have tanks or pipes leaked in the past?

- Yes. Describe: _____
 No
 Unknown

Management of Tanks

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Piping must be disposed of as hazardous waste unless approved alternative method used. Inaccessible piping must be permanently plugged. It is the contractor's responsibility to bring a working combustible gas indicator on site to verify that the tank is inert. Tanks cannot be removed from the ground unless the LEL is < 20% and the O₂ is < 10%. The meter must be calibrated in the fire inspector's presence.

A. Tanks to be managed as NON Hazardous Waste:

A supplemental plan must be attached to this plan demonstrating how the requirements of California Code of Regulations Title 22, Chapter 32 Management of Tanks, Sections 67383.1 - 67383.5 will be satisfied.

B. Tanks to be managed as Hazardous Waste:

Dry ice must be placed in the tank in an amount not less than 22.2 pounds per 1000 gallons of tank capacity. Other methods must be approved on a case by case basis by the Fire Department.

* 9. Methods to be used for rendering tank(s) inert:

- Cleaning (See attached supplemental information)
 Dry ice (22.2 pounds per 1000 gallons tank volume)
 Other _____

Sample Collection and Analysis

10. Sample Analysis

	TPHG	TPH D	BTX&E	Lead	CL Hydro	O&G	EPA 8270	pH	MTBE	Other (specify)
Tank 1		X				X				
Tank 2	X		X	X						8260
Tank 3										
Tank 4										
Tank 5										

One soil sample must be collected for every 20 linear feet of piping that is removed. An underground water sample must be collected if any ground water is present in the excavation. Two soil samples must be collected at each end of the underground tank in native soil (one sample for tanks less than 1,000 gallons).

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting if odors are present.

Name: Clearwater Environmental License #: 3515 License Exp. Date: 12/31/03
Address: P.O. Box 2407
Union City, CA 94587-2407

14. Product/Residual Sludge/Rinsate Disposal Site

Name: Clearwater Environmental EPA ID#: CAR 000 007 013
Address: P.O. Box 2407
Union City CA 94587-2407

15. Tank & Piping Transporter

Name: Clearwater Environmental EPA ID#: CAR 000 007 013
Address: P.O. Box 2407
Union City CA 94587-2407

16. Tank & Piping Disposal Site

Name: Sims Metal America EPA ID#: N/A
Address: 600 South 4th Ave.
Richmond CA

17. Sample Collector

Name: Bill Scott / Baseline Environmental Consulting EPA ID#: N/A
Address: 5900 Hollis St. Ste. D
Emeryville, CA 94608

18. Laboratory

Name: Curtis + Thompkins EPA ID#: 01107CA
Address: 2323 Fifth Street
Berkeley CA 94710

(NELAP)
Calif State
Certification

CLOSURE REPORT:

A final closure report must be submitted within 60 days of tank closure which describes the closure activities, presents the sample analysis results including copies of lab reports and chain of custody, and

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A
COMPLETE THIS FORM FOR EACH FACILITY/SITE



MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 2 RENEWAL PERMIT	<input type="checkbox"/> 3 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME <i>Hanson Aggregates - Pleasanton Yard</i>		NAME OF OPERATOR	
ADDRESS <i>3000 Busch Rd P</i>		NEAREST CROSS STREET <i>Valley Ave</i>	PARCEL # (OPTIONAL)
CITY NAME <i>Pleasanton, CA 94566</i>		STATE <i>CA</i>	ZIP CODE <i>94566</i>
<input type="checkbox"/> BOX TO INDICATE <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY DISTRICTS <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> FEDERAL AGENCY		SITE PHONE # WITH AREA CODE <i>925-426-4051</i>	
TYPE OF BUSINESS: <input type="checkbox"/> 1 GAS STATION <input type="checkbox"/> 2 DISTRIBUTOR <input type="checkbox"/> 3 FARM <input type="checkbox"/> 4 PROCESSOR <input checked="" type="checkbox"/> 5 OTHER		<input type="checkbox"/> V.P. INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE <i>2</i>
		E.P.A. I.D.# (OPTIONAL) <i>CA10003295</i>	

EMERGENCY CONTACT PERSON (PRIMARY)

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS NAME (LAST, FIRST) <i>Laury Appleton</i>	PHONE # WITH AREA CODE <i>925-426-4051</i>	DAYS NAME (LAST, FIRST) <i>Horion Rich</i>	PHONE # WITH AREA CODE <i>510-426-4147</i>
NIGHTS NAME (LAST, FIRST) <i>Laury Appleton</i>	PHONE # WITH AREA CODE <i>925-426-4051</i>	NIGHTS NAME (LAST, FIRST) <i>Horion Rich</i>	PHONE # WITH AREA CODE <i>510-426-4147</i>

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME <i>Hanson Aggregates - Mid Pacific Inc</i>		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS <i>3000 Busch Rd PO Box 580</i>		<input checked="" type="checkbox"/> INDIVIDUAL <input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> FEDERAL AGENCY
CITY NAME <i>Pleasanton CA 94566</i>		STATE <i>CA</i>	ZIP CODE <i>94566</i>
		PHONE # WITH AREA CODE <i>925-426-4051</i>	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER <i>Hanson Aggregates - Mid Pacific Inc</i>		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS <i>3000 Busch Road P.O. Box 580</i>		<input checked="" type="checkbox"/> INDIVIDUAL <input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> FEDERAL AGENCY
CITY NAME <i>Pleasanton CA 94566</i>		STATE <i>CA</i>	ZIP CODE <i>94566</i>
		PHONE # WITH AREA CODE <i>925-426-4051</i>	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ **44-002182**

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> CASH IN HAND	<input type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEED	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND	<input checked="" type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 7 STATE FUND
<input type="checkbox"/> 8 STATE FUND & CHIEF FINANCIAL OFFICER LETTER	<input type="checkbox"/> 9 STATE FUND & CERTIFICATE OF DEPOSIT	<input type="checkbox"/> 10 LOCAL GOVT. MECHANISM	<input type="checkbox"/> 11 OTHER				

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING:

I II III

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE) <i>Laurence W Appleton</i>	APPLETON	TANK OWNER'S TITLE <i>MGR. ENG.</i>	DATE MONTH/DAY/YEAR <i>5/12/03</i>
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LOCAL AGENCY USE ONLY

COUNTY # <input type="text"/>	JURISDICTION # <input type="text"/>	FACILITY # <input type="text"/>
LOCATION CODE - OPTIONAL <input type="text"/>	CENSUS TRACT # - OPTIONAL <input type="text"/>	SUPERVISOR - DISTRICT CODE - OPTIONAL <input type="text"/>

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

Gas 10k

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.#	RD 1 B	B. MANUFACTURED BY:	K+J Steel Corp
C. DATE INSTALLED (MO/DAY/YEAR)	1990	D. TANK CAPACITY IN GALLONS:	10,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 10 REGULAR UNLEADED	<input type="checkbox"/> 5 DIESEL	<input type="checkbox"/> 8 AVIATION GAS
<input checked="" type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 00 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 11 PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 05 UNKNOWN		<input type="checkbox"/> 12 MEDGRADE UNLEADED	<input type="checkbox"/> 6 JET FUEL	<input type="checkbox"/> 9 WEL
D. IF (A, B) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED			C. A. B. #		

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input checked="" type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 5 INTERNAL BLADDER SYSTEM	<input type="checkbox"/> 05 UNKNOWN
	<input type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SINGLE WALL IN A VAULT	<input type="checkbox"/> 00 OTHER	
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS	<input checked="" type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE WRAP
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 05 UNKNOWN	<input type="checkbox"/> 00 OTHER
C. INTERIOR LINING OR COATING	<input type="checkbox"/> 1 RUBBER LINING	<input type="checkbox"/> 2 ACRYL LINING	<input type="checkbox"/> 3 EPOXY LINING	<input type="checkbox"/> 4 PHENOLIC LINING
	<input type="checkbox"/> 5 GLASS LINING	<input checked="" type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 05 UNKNOWN	<input type="checkbox"/> 00 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
D. EXTERIOR CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 8 COATING	<input type="checkbox"/> 3 VINYL WRAP	<input checked="" type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
	<input checked="" type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 01 NONE	<input type="checkbox"/> 05 UNKNOWN	<input type="checkbox"/> 00 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) 1995		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) 1995	
	DROPP TUBE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		DISPENSER CONTAINMENT YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A (U) 1 SUCTION	A (U) 2 PRESSURE	A (U) 3 QUANTITY	A (U) 4 FLEXIBLE PIPING	A (U) 00 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALL	A (U) 2 DOUBLE WALL	A (U) 3 LINED TRENCH	A (U) 05 UNKNOWN	A (U) 00 OTHER
C. MATERIAL AND CORROSION PROTECTION	A (U) 1 BARE STEEL	A (U) 2 STAINLESS STEEL	A (U) 3 POLYVINYL CHLORIDE (PVC)	A (U) 4 FIBERGLASS PIPE	A (U) 00 OTHER
	A (U) 5 ALUMINUM	A (U) 6 CONCRETE	A (U) 7 STEEL W/ COATING	A (U) 8 100% METHANOL COMPATIBLE WRAP	
	A (U) 9 GALVANIZED STEEL	A (U) 10 CATHODIC PROTECTION	A (U) 05 UNKNOWN	A (U) 00 OTHER	
D. LEAK DETECTION	<input type="checkbox"/> 1 MECHANICAL LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TRENCH TESTING	<input checked="" type="checkbox"/> 3 CONTINUOUS ELECTRICAL MONITORING	<input type="checkbox"/> 4 ELECTRONG LINE LEAK DETECTOR	<input checked="" type="checkbox"/> 5 AUTOMATIC PUMP/ALARM
					<input type="checkbox"/> 00 OTHER

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 MANUAL INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VAPOR MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GROUNDING MONITORING	<input type="checkbox"/> 5 GROUND WATER MONITORING	<input type="checkbox"/> 6 ANNUAL TANK TESTING
<input checked="" type="checkbox"/> 7 CONTINUOUS INTERSTITIAL MONITORING	<input type="checkbox"/> 8 GPR	<input type="checkbox"/> 9 WEEKLY MANUAL TANK BALANCING	<input type="checkbox"/> 10 MONTHLY TANK TESTING	<input type="checkbox"/> 05 UNKNOWN	<input type="checkbox"/> 00 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL?
		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE)	Laurence W Appleton APPLETON	DATE	5-12-03
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LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE		

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-95)

Diesel 12k

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 INDUSTRIAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED OR SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DDA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# <u>RD-1A</u>	B. MANUFACTURED BY <u>K&T Steel Corp.</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>1990</u>	D. TANK CAPACITY IN GALLONS <u>12,000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1A REGULAR UNLEADED	<input checked="" type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 8 AVIATION GAS
<input checked="" type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 5B EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1B PREMIUM UNLEADED	<input type="checkbox"/> 4 GASOLINE	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 5C UNKNOWN		<input type="checkbox"/> 1C MIDGRADE UNLEADED	<input type="checkbox"/> 6 JET FUEL	<input type="checkbox"/> 9 GAS
D. IF A-1 IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED			<input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 9B OTHER DESCRIBE IN ITEM D BELOW	

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B AND C, AND ALL THAT APPLIES IN BOX D AND E.

A. TYPE OF SYSTEM	<input checked="" type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 5 INTERNAL BLADDER SYSTEM	<input type="checkbox"/> 9B UNKNOWN
	<input type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SINGLE WALL IN A VAULT	<input type="checkbox"/> 6 OTHER	
B. TANK MATERIAL (PRIMARY TANK)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS	<input checked="" type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 11 UNKNOWN	<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING OR COATING	<input type="checkbox"/> 1 RUBBER LINING	<input type="checkbox"/> 2 AUTO LINING	<input type="checkbox"/> 3 EPOXY LINING	<input type="checkbox"/> 4 PHENOLIC LINING
	<input type="checkbox"/> 5 GLASS LINING	<input checked="" type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 9B UNKNOWN	<input type="checkbox"/> 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
D. EXTERIOR CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP	<input checked="" type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
	<input checked="" type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 6 NONE	<input type="checkbox"/> 9B UNKNOWN	<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL, etc.	SPILL CONTAINMENT EQUIPMENT INSTALLED (YEAR) <u>1995</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>1995</u>	
	DROPP FULLE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		STRIKER PLATE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	DISPENSER CONTAINMENT YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A <input checked="" type="checkbox"/> 1 Suction	A <input type="checkbox"/> 2 Pressure	A <input type="checkbox"/> 3 Gravity	A <input type="checkbox"/> 4 Flexible Piping	A <input type="checkbox"/> 99 Other
B. CONSTRUCTION	A <input type="checkbox"/> 1 Single Wall	A <input checked="" type="checkbox"/> 2 Double Wall	A <input type="checkbox"/> 3 Lined Trench	A <input type="checkbox"/> 9B Unknown	A <input type="checkbox"/> 99 Other
C. MATERIAL AND CORROSION PROTECTION	A <input type="checkbox"/> 1 Bare Steel	A <input type="checkbox"/> 2 Stainless Steel	A <input type="checkbox"/> 3 Polyvinyl Chloride (PVC)	A <input checked="" type="checkbox"/> 4 Fiberglass Pipe	A <input type="checkbox"/> 99 Other
	A <input type="checkbox"/> 5 Aluminum	A <input type="checkbox"/> 6 Concrete	A <input type="checkbox"/> 7 Steel w/ Coating	A <input type="checkbox"/> 8 100% Methanol Compatible W/FRP	
D. LEAK DETECTION	<input type="checkbox"/> 1 Secondary Line Leak Detector	<input type="checkbox"/> 2 Line Pressure Relief	<input checked="" type="checkbox"/> 3 Continuous Intentional Monitoring	<input type="checkbox"/> 4 Backflow Line Leak Detector	<input checked="" type="checkbox"/> 5 Automatic Pump Shutdown
	<input type="checkbox"/> 6 Other				

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 Visual Check	<input type="checkbox"/> 2 Manual Inventory Reconciliation	<input type="checkbox"/> 3 Vapors Monitoring	<input type="checkbox"/> 4 Automatic Tank Gauging	<input type="checkbox"/> 5 Ground Water Monitoring	<input type="checkbox"/> 6 Annual Tank Testing
<input checked="" type="checkbox"/> 7 Continuous Interstitial Monitoring	<input type="checkbox"/> 8 BIP	<input type="checkbox"/> 9 Weekly Manual Tank Gauging	<input type="checkbox"/> 10 Monthly Tank Testing	<input type="checkbox"/> 11 Unknown	<input type="checkbox"/> 99 Other

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>2003</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>None</u> Gallons	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME PRINTED & SIGNED Laurence W Appleton APPLETON DATE 5-12-03

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE		

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IN IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS.

FORM B (6-99)



**BAY AREA AIR QUALITY
MANAGEMENT DISTRICT**

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

**REGULATION 8, RULE 40
NOTIFICATION FORM**

Check Removal or Replacement of Tanks
 Excavation of Contaminated Soil

SITE INFORMATION

Site Address 3000 Busch Road
City, State Pleasanton CA Zip 9458866
Owner Name Hansen Aggregates Mid Pacific
Specific location of project _____

Tank Removal

Scheduled startup date May 15, 2003
Vapors removed by:
 Water wash
 Vapor freeing (CO²)
 Ventilation
Indicate below if an A/C was obtained for tank replacement:
Yes _____ No N/A (closure) If yes, A/C or P/O # _____

Contaminated Soil Excavation

Scheduled Startup Date _____
Stockpiles will be covered? Yes _____ No _____
Indicate below the method used to comply with
Regulation 8, Rule 40, Section 402.4:
Check () 8-40-301 8-40-302 (permit required)
A/C or P/O # _____
A/C = Authority to Construct P/O = Permit to Operate

What other public agency have you notified (e.g., Fire District, Hazardous Materials Department, City or County)?
Agency Livermore - Pleasanton Fire Dept. Contact John Rigger Phone # (925) 454-2337

BAAQMD # _____ CONTRACTOR INFORMATION

Name Controlled Environmental Services Contact Bob Kemp
Address PO Box 401 Phone (925) 625-1736
City, State, Zip Oakley, CA 94561

CONSULTANT INFORMATION (if applicable)

Name Baseline Environmental Contact Bill Howell
Address 5900 Hollis St. Ste D Phone (510) 420-8686
City, State, Zip Emeryville, CA 94608

FOR OFFICE USE ONLY

Date Received Fax: _____ Date Postmarked: _____
Inspector No.: _____ Date: _____ By: _____
Update: Contact Name _____ Date: _____ By: _____
Update: Contact Name _____ Date: _____ By: _____

SITE HEALTH AND SAFETY PLAN

PROJECT/CLIENT INFORMATION				
Project No: Y3515-00	Project Manager: Bill Howell	Site Health and Safety Manager: William Scott	Field Activities Date: May 2003	
Client: Hanson Aggregates Pleasanton Yard 3000 Busch Road Pleasanton, CA 94566			Site Address: 300 Busch Road Pleasanton, CA 94566	
Phone: (925) 426-4051				
<p>PROJECT DESCRIPTION: The project consists of the removal of two USTs from the Hanson Aggregate's Pleasanton facility. A licensed contractor, Controlled Environmental Services, under the direction of BASELINE's field geologist, will clean and remove a 10,000-gallon gasoline tank and a 12,000-gallon diesel tank. All associate product lines, piping, and fuel dispensers will be removed. At a minimum, three soil samples will and several stock pile samples be collected from the bottom of each UST excavation. Each excavation will be backfilled with excavated material and/or new material.</p>				
<p>BACKGROUND AND SITE HISTORY: The site is active aggregate quarries, a processing plant, and business offices. Two USTs were installed approximately 10 years ago for fueling of trucks and heavy equipment. The tanks are steel double-walled and coated with fiberglass.</p>				
CHEMICAL HAZARDS				
The following suspected chemical hazards identified below may potentially be encountered by site personnel during sampling or other on-site activities disturbing subsurface soil and/or groundwater. Material Safety Data Sheets for chemical hazards are maintained at BASELINE's Emeryville and Petaluma offices, and are available for review, upon request.				
Chemical	Description	Health and Safety Standards/Odor Threshold (OT)	Persons Exposed** and Potential Exposure Routes	Symptoms of Acute Exposure
Diesel	Combustible liquid	No TLV	Dermal	Minor eye/skin irritation
Benzene	Carcinogen, aromatic HC	8-hr TLV=10 ppm PEL=1 ppm	Inhalation, dermal	Headache, dizziness, minor skin irritation
Toluene	Aromatic HC	8-hr TLV=100 ppm	Inhalation, dermal	Headache, dizziness, minor skin irritation
Xylenes	Aromatic HC	8-hr TLV=100 ppm	Inhalation, dermal	Headache, dizziness, minor skin irritation
Ethylbenzene	Aromatic HC	8-hr TLV=100 ppm	Inhalation, dermal	Headache, dizziness, minor skin irritation
Gasoline	Hydrocarbon, carcinogen (engine exhaust), flammable LEL = 1.4% UEL = 7.6%	PEL = 300 ppm REL/TLV = 300 ppm STEL = 500 ppm IDLH = -- OT = 0.3 ppm	Inhalation, dermal, eyes, ingestion	Eye and skin irritation, headache, fatigue, dermatitis, blurred vision, dizziness, slurred speech, confusion, convulsions

Notes:

* Contractor and samplers.

Note: Health and safety standards refer to airborne concentrations to which nearly all workers may be repeatedly exposed daily without harmful effects. The concentrations are time-weighted averages for a normal 8-hour work period.

PHYSICAL HAZARDS

Fire and explosion, heavy equipment, heat stress, noise. Drill rig safety requirements are the responsibility of the operator. BASELINE employees will follow standard operating procedures for sampling and quality assurance control. A copy of this site-specific health and safety plan will be provided at the site, and will be reviewed by the Site Health and Safety Manager or designated personnel prior to the start of work at the site. Drilling contractor shall be responsible for complying with all OSHA requirements and accepted industry practices for protection of employee health and safety. The drilling contractor shall ensure that all equipment is in good working order prior to starting work. The drilling contractor shall ensure that proper housekeeping is maintained around the work area at all times. All on-site workers, including subcontractors, must be 40-hour trained in accordance with the OSHA Hazwoper standard, and must be medically surveilled in accordance with the requirements of the company's health and safety plan. All visitors to the site must be 40-hour trained. The health and safety officer will inquire whether each visitor is trained.

BASELINE employees shall observe the following precautions:

- 1) Watch for slippery ground;
- 2) All unattended boreholes must be adequately covered;
- 3) Maximize distance from the rig and do not take readings at rig during auger clearing or drive sampling;
- 4) Wear safety hard hats and safety footwear;
- 5) Prevent strain injuries by using small sample shipping containers and/or material handling aids. Use portable table for opening split spoon samplers, and
- 6) Avoid heat/cold stress by taking regular work breaks, liquids intake, and appropriate attire, as needed.

PERSONAL PROTECTIVE EQUIPMENT REQUIRED: Hard hats, respirators equipped with high efficiency filters and/or organic vapor cartridges (use to be designated by Health and Safety Officer), nitrile gloves, safety goggles, rubber boots, water supply for washing, decontamination, and for drinking, disposable overalls (non-coated), first-aid kit, noise protection (ear plugs)

AIR MONITORING STRATEGY (INCLUDING ACTION LEVELS): Before field work begins, collect background readings using PID and combustible gas indicator. Monitor excavation using the combustible gas indicator. If >20% LEL, stop work to air out excavation until <20% LEL. May use PID and/or methane detector tubes to characterize vapors. No IDLH conditions are anticipated at the site.

SITE CONTROL MEASURES: Define and demarcate exclusion and clean zones for each boring location. No eating and drinking permitted in exclusion zone. Avoid skin and eye contact with soil to maximum extent possible. If dusty conditions, don safety goggles and respirators equipped with filters. USA will provide utility clearance. Hand-digging may be performed where utilities are suspected (even though not identified through USA). Personal hygiene imperative to prevent prolonged skin contact with site soils and dusts. In the event of a minor release of a hazardous material, the spill will be immediately cleaned up by site personnel, and spill cleanup materials placed in drums for off-site disposal. In the event of a major spill of hazardous material, follow the emergency procedures below. Place cuttings in drums, secure on-site and label. Dispose of decontamination equipment and personal protective gear in BASELINE-provided containers. No contact lenses.

DECONTAMINATION PROCEDURES (PERSONAL AND EQUIPMENT): Decontaminate boots and soil sampling equipment on-site using TSP and rinse twice with water. Remove and dispose of gloves and overalls in appropriate manner.

Prepared by:	Date:	Reviewed/Approved by:	Date:
Bill Scott	May 2003		

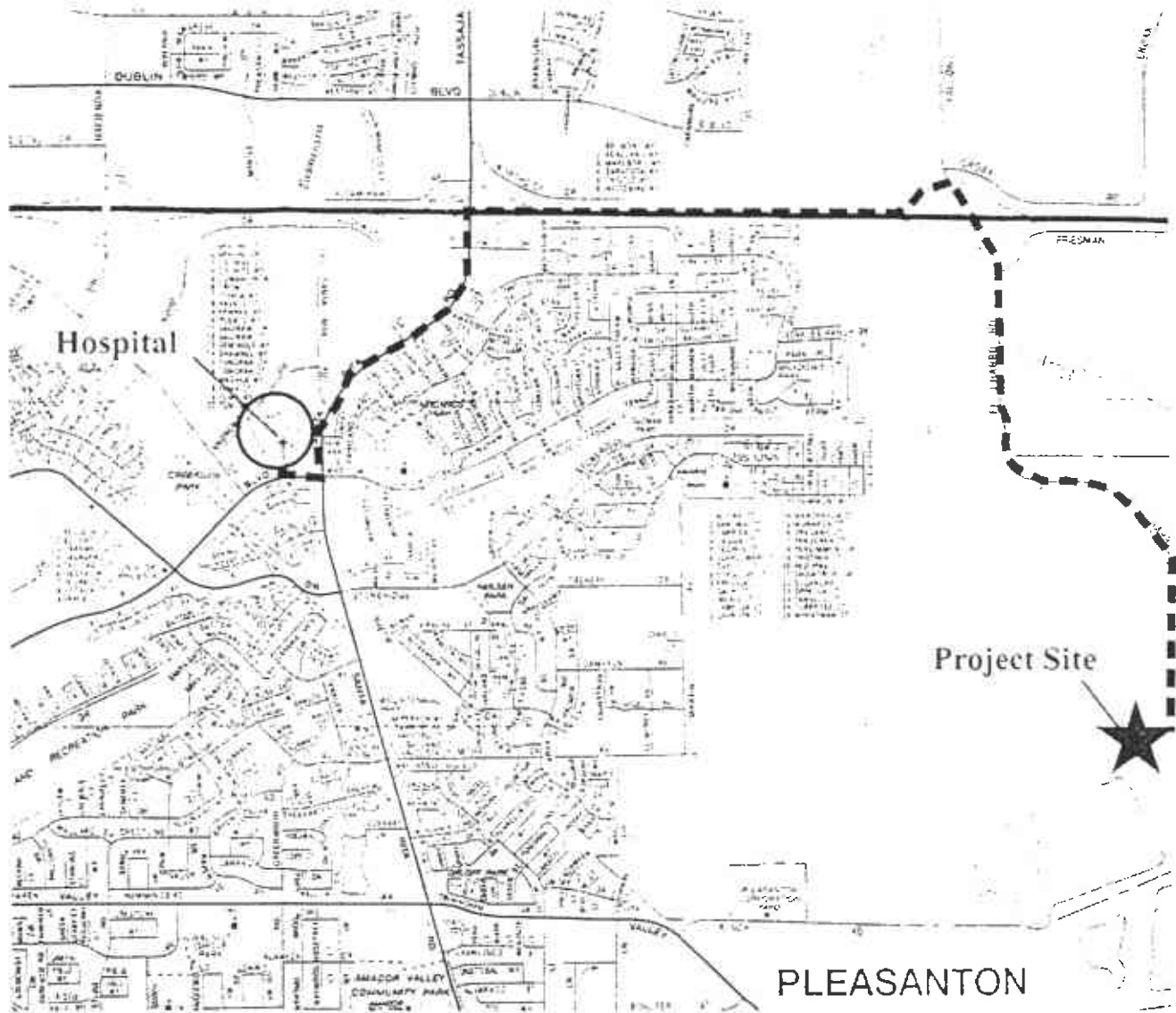
Read by Date:

William J. Scott *Bob* *Anthony Callaway* 5-19-03

Robert K. ... *Bob Sisk*

...

HOSPITAL ROUTE



Hospital Clinic Name and Address:	Hospital Phone:	Paramedic/Fire & Police Dept. Phone:
Valley Surgical Center 5555 W Las Positas Blvd Pleasanton, CA	(925) 847-3000	911
Directions: Leave site to El Charro Rd., proceed on El Charro Rd. to I580. Go west on I580 to Santa Rita Rd. Turn right onto W Las Positas Blvd. Hospital is on the right		

APPENDIX B

**HAZARDOUS WASTE MANIFESTS AND
LIVERMORE-PLEASANTON FIRE DEPARTMENT DOCUMENTATION**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No	Manifest Document No	2. Page 1 of 1	Information in the shaded areas is not required by Federal law	
3. Generator's Name and Mailing Address Hanson Associates 3000 Best Rd P.O. Box 125 17251 25-1130		0111014010312077		01314012		A. State Manifest Document Number 22303462
4. Generator's Phone (707) 251-1736		6. US EPA ID Number		C. State Transporter's ID (Reserved)		B. State Generator's ID
5. Transporter 1 Company Name CLEARWATER ENVIRONMENTAL		01A10004447413		D. Transporter's Phone (510) 476-1740		E. State Transporter's ID (Reserved)
7. Transporter 2 Company Name		8. US EPA ID Number		F. Transporter's Phone		G. State Facility's ID
9. Designated Facility Name and Site Address ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO CA 94502		10. US EPA ID Number 01A10004161743		H. Facility's Phone (510) 476-1740		I. Waste Number
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Val	I. Waste Number	
a. (oil/water) oil with WASTE, LIQUID		No. Type	02150 G		State 223 EPA/Other 107	
b.					State EPA/Other	
c.					State EPA/Other	
d.					State EPA/Other	
J. Additional Descriptions for Materials Listed Above 11A.		K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information WEAR PPE, EMERGENCY CONTACT: KIRK HAYWARD 510-476-1740 ERG # 171 3000 BEST RD ALVISO CA 94502		SIC. HANSON ASSOCIATES 3000 Best Rd P.O. Box 125 17251 25-1130				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Anthony Williams for Hanson Associates		Signature Anthony Williams for Hanson Associates		Month Day Year 05/15/03		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name THOMAS BREWSTER		Signature Thomas Brewster		Month Day Year 05/15/03		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Anthony Williams for Hanson Associates		Signature Anthony Williams for Hanson Associates		Month Day Year 05/15/03		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		

DO NOT WRITE BELOW THIS LINE.

See Instructions on back of page 6.

Department of Toxic Substances Control
 Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No CA121010140321015		2. Manifest Document No 91041014		3. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
4. Generator's Name and Mailing Address Ecology Control Industries 355 PARR BLVD RICHMOND CA 94801				A. State Manifest Document Number 22490404		B. State Generator's ID							
5. Transporter 1 Company Name Ecology Control Industries				6. US EPA ID Number CA0982030173		C. State Transporter's ID (Reserved)							
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 510-235-1393							
9. Designated Facility Name and Site Address Ecology Control Industries 355 PARR BLVD RICHMOND CA 94801				10. US EPA ID Number CA0982030173		E. State Transporter's ID (Reserved)							
						F. Transporter's Phone							
						G. State Facility's ID							
						H. Facility's Phone 510-235-1393							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers	13. Total	14. Unit	1. Waste Number					
NON-RCRA HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK)					No.	Type	Quantity	Wt/Vol	State				
										01	TP	112000	P
													EPA/Other
													None
1. Additional Descriptions for Materials Listed Above EMPTY STORAGE TANK # 30695 TANKS HAVE BEEN INERTED WITH 15 TONS DRY ICE PER 1000 GALLONS CAPACITY					K. Handling Codes for Wastes Listed Above								
					a.								
					b.								
					c.								
					d.								
15. Special Handling Instructions and Additional Information Wear proper protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number: 925-426-4057 SITE ADDRESS: 3000 BUSH RD 24 hour emergency contact: ECI-510-235-1393 ECIJIN 52T0527													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name LAWRENCE W APPLETON			Signature Lawrence W Appleton			Month 05	Day 21	Year 03					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name FLOYD APODACA			Signature Floyd Apodaca			Month 05	Day 21	Year 03					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name			Signature			Month	Day	Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name			Signature			Month	Day	Year					

GENERATOR

FACILITY

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 12101000027015	2. Page 1 of 1 Manifest Document No. 12101000027015	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address KORONA PAPER INDUSTRIES INC 1500 BROADWAY MICHMOND, CA 94901		A. State Manifest Document Number 22490405		B. State Generator's ID		
4. Generator's Phone (705) 426-4151		C. State Transporter's ID [Reserved]		D. Transporter's Phone 510-235-1393		
5. Transporter 1 Company Name Ecology Control Industries		6. US EPA ID Number CA0982030173		E. State Transporter's ID [Reserved]		
7. Transporter 2 Company Name		8. US EPA ID Number		F. Transporter's Phone		
9. Designated Facility Name and Site Address Ecology Control Industries 285 PARR BLVD MICHMOND CA 94901		10. US EPA ID Number CA0982030173		G. State Facility's ID		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol
NON RCRA HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK)		10 TP		1120 0		P
b.						I. Waste Number State
c.						EPA/Other
d.						State EPA/Other
15. Additional Descriptions for Materials Listed Above EMPTY STORAGE TANK #30696 TANKS HAVE BEEN INJECTED WITH 15 LBS DRY ICE PER 100 GALLONS CAPACITY		K. Handling Codes for Wastes Listed Above				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by high-way according to applicable international and national government regulations.		a.				
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		b.				
15. Special Handling Instructions and Additional Information Wear proper protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number: 925 426 4051 SITE ADDRESS: 3000 BUSCH RD. PLEASANTON, CA 24 hour emergency contact: ECI 510 235-1393 ECI JIN 5270527		c.				
17. Transporter 1 Acknowledgement of Receipt of Materials		d.				
Printed/Typed Name LAWRENCE W APPLETON		Signature Lawrence W Appleton		Month Day Year 05 21 03		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name J. KECKI		Signature J. Kecki		Month Day Year 05 21 03		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		

DO NOT WRITE BELOW THIS LINE.

Livermore-Pleasanton Fire Department
 4550 East Avenue
 Livermore, CA 94550
 (925) 454-2364 FAX: (925) 454-2367

UNDERGROUND TANK CLOSURE CHECKLIST

Name: WILSON AGRI-COTE Date: 12/10/03 DATE OF TANK
 Address: 3000 FISCHER ROAD, PLEASANTON ZIP: 94566
 # Tanks being removed: 2
 Size: 10 GALLON DUAL TANK Contents: GASOLINE
 Size: 12 GALLON DUAL TANK Contents: DIESEL
 Size: _____ Contents: _____
 Size: _____ Contents: _____

Closure permit has been obtained and is on site. Yes No
 Changes from approved closure plan? MIKE (P&S) WILL BE REMOVING TANKS TO BE
 ABC fire extinguisher on site? Yes No
 Flammable material removed from tank? Yes No
 Have residuals been properly contained for off-site transport? REMOVED PER USDM TANKS 12/10/03
 Receipt for dry ice? Yes No

Number of pounds of dry ice in each tank?	#1	#2	#3	#4
	200	300	—	—

ADDED ADDITIONAL DRY ICE JUST PRIOR TO SHIPMENT

Inspector has calibrated combustible gas detector in presence of inspector? Yes No

Units: MULTIPLE PWS PERMSO (TANKS - ENVIRONMENTAL)

Combustible gas readings/oxygen readings:
 See measurements, one near the top, center and bottom of tank and report the findings:

ERT #	Contents	% LEL (top)	% LEL (mid)	% LEL (bottom)	% O ₂ (top)	% O ₂ (mid)	% O ₂ (bottom)	OK to remove?
2249	GASOLINE	12	12	12	2.0	2.2	2.4	✓
2249	DIESEL	3	3	3	9.4	9	8.7	✓
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—

Tank not to be pulled if concentration of flammable vapors exceeds 20% of the LEL of the material in the tank or the concentration exceeds 5%.

PER LFPD USE PERMANENT GUIDELINES

Tank is removed, observe conditions of tank(s) and piping:

	Tank 1	Tank 2	Tank 3	Tank 4
Corrosion or holes?	NO	N/O	—	—
Is tank wrapped?	YES	YES	—	—
Hydrocarbon vapors?	NO	N/O	—	—
Coloration of the soil in the tank pit or along piping trench?	NO	N/O	—	—

Condition of backfill: PER GRAVEL - SOIL WAS SANDY (2-3 FEET BELOW TANKS)

Observations: SMALL AMOUNT OF ODOOR (DIESEL) OBSERVED DURING PER GRAVEL REMOVAL (BEHIND DIESEL TANK) PERFORM A SMALL (CALIBRATED) AMOUNT OF MATERIAL - STOCKPILED SEPARATELY (3-5 PDS?)

9. Was there evidence of contamination which would trigger the 24-hour release reporting requirements? If yes, was a blank copy provided to site operator? Yes No

10. Has obvious contamination been removed? Yes No
Has obvious contamination been left in place? Yes No

Describe details of approximately how much and where it will be disposed of? SEE #8 ON PAGE 1

1. Is water observed in tank pit? Yes No If yes, a sample of the water must be taken.
Sample collected? Yes No

2. Soil samples must be collected in the tank pit under each end of the tank, a minimum of two feet into native soil according to the closure plan.

Soil samples were collected according to the closure plan. Yes No
Soil samples must also be collected under piping at 20 ft. intervals. Yes No
Samples of the stockpile must be taken to determine disposal options. Yes No

3. The samples were properly taken? Yes No
The samples were properly sealed and labeled. Yes No
The chain of custody form was observed to be properly completed? Yes No
The samples were placed in an iced chest? Yes No

Name of analytical laboratory SLP, RESTRICTED OFFICE (FORMERLY CHONALAB)

4. The tank pit must be filled with soil or properly barricaded to prevent unauthorized access.

Was the tank pit filled with: new soil excavated backfill - OR -
Was the tank pit left open pending analytical results? Yes No
Was the tank pit covered/barricaded? Yes No

5. Tanks loaded onto hauler vehicle have identifying numbers spray painted on them? Yes No (SEE #7 ON PAGE 1)

6. Hauler provides documentation of current certification as a hazardous waste hauler. Yes No

7. Manifest observed to be properly completed (name and address, EPA ID, hauler name, disposal site, signed and dated).

Name of disposal site ECI RICHMOND CA

8. Were all containers, residual tanks and associated piping transported off site and manifested? Yes No

Diagram of tank pit, sample locations and ID

SEE ATTACHED DRAWING PROVIDED BY BASELINE ENVIRON. (PILL SCOTT)

TIMING

ONSITE @ 0830 - CONTRACTOR, CONSULTANT'S CRANE ONSITE SETUP (CON. CASE) ENV SERVICES, BASELINE ENV; MAXIM (CRANE)

09:45 - ECI ARRIVED (TRANSPORTER)

11:45 - TANKS UNDER TRANSPORT

13:30 - END PILING (CONTRACTOR)

9. Certification and proper tanks cleaning observed? Yes No N/A

Signed _____ Date _____ Number of hours to complete: 4.5 HRS

Signature of Business Responsible: [Signature] 5-21-03

Inspector: [Signature]

N/D = NOT OBSERVED

APPENDIX C

**LABORATORY REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION**

Baseline Environmental

May 23, 2003

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008

Attn.: Bill Howell

Project#: Y3515-00

Project: Hanson Aggregate

Site: 3000 Busch Road, Pleasanton

Attached is our report for your samples received on 05/21/2003 14:05
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
07/05/2003 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

BASELINE E

5900 Hollis Street, Suite 10
Emeryville, CA 94608
Tel: (510) 420-8686 Fax: (510) 420-1707

2003-CHAINS OF CUSTODY RECORD
74415

Lab
BASELINE Contact Person

STL
B. H. Howell

Project Number Y3515-00		Project Name and Location: Hanson Aggregates 300 Busch Road Pleasanton										<i>TPH as gasoline (8015)</i> <i>TPH as diesel w/ silicagel clean (8015)</i> <i>BTEX + MTBE (8260)</i> <i>Total Lead</i> <i>VOC'S completed including</i>				Remarks/ Composite			
Samplers: (Signature) <i>Walter Smith</i>				Containers															
Sample ID No. Station				Date:	Time:	Media	Type				Preservative								
				No.	SS	40-ml VOA L-AG	250 ml Poly L-Poly						None (Ice)	HCl	NO ₂	SO ₂			
SG-1; 16.5-17.0				5-21-03	12:00	S	1	X						X					
SG-2; 16.5-17.0				5/21/03	12:58	S	1	X						X					
SG-3; 16.5-17.0				5/21/03	13:05	S	1	X						X					
SD-1; 16.5-17.0				5/21/03	12:30	S	1	X						X					RUSH
SD-2; 16.5-17.0				5/21/03	13:13	S	1	X						X					
SD-3; 16.5-17.0				5/21/03	13:20	S	1	X						X					
SP-1				5/21/03	13:30	S	1	X						X					} Composite into one Sample
SP-2				5/21/03	13:35	S	1	X						X					
SP-3				5/21/03	13:38	S	1	X						X					
SP-4				5/21/03	13:43	S	1	X						X					
Relinquished by: (Signature) <i>Walter Smith</i>		Custody Seal Yes <input checked="" type="checkbox"/> No	Date/Time 5-21-03	Received by: (Signature) <i>ORowley</i>		Custody Seal intact Yes No NA	Date/Time	Conditions of Samples Upon Arrival at Laboratory: 22.0°C											
Relinquished by: (Signature)		Custody Seal Yes No	Date/Time 1405	Received by: (Signature)		Custody Seal intact Yes No NA	Date/Time	Remarks: <i>Confirming MTBE hits 8260</i>											
Relinquished by: (Signature)		Custody Seal Yes No	Date/Time	Received by: (Signature)		Custody Seal intact Yes No NA	Date/Time	Hold portion of samples SD-1, SD-2, SD-3 for possible 8260											
Received at laboratory with intact custody seal: (Signature)				Date/Time 05/21/03 1405	Comments: SD-1, SD-2, SD-3 for possible 8260														

D:\Graphic\Chain of Custody Record\Inster.cbr 5/02

Quality Control Checklist
for Review of Laboratory Report


Job No.: Y3515-00
 Laboratory: ~~STL~~ STL
 Report Date: 5/23/03

Site: Hansen Aggregates - Pleasanton
 Laboratory Report No: 2003-05-05 82
 BASELINE Review By: SLA

	Yes	No	NA
GENERAL QUESTIONS (Describe "no" responses below in "comments" section. Contact the laboratory, as required, for further explanation or action on "no" responses; document discussion in comments section.)			
1a. Does the report include a case narrative? (A case narrative <i>MUST</i> be prepared by the lab for all analytical work requested by BASELINE)		X	
1b. Is the number of pages for the lab report as indicated on the case narrative/lab transmittal consistent with the number of pages that are included in report?	X	X	
1c. Does the case narrative indicate which samples were analyzed by a subcontractor and the subcontractor's name?			X
1d. Does the case narrative summarize subsequent requests not shown on the chain-of-custody (e.g., additional analyses requested, release of "hold" samples)?			X
1e. Does the case narrative explain why requested analyses could not be performed by laboratory (e.g., insufficient sample)?			X
1f. Does the case narrative explain all problems with the QA/QC data as identified in the checklist (as applicable)?			X
2a. Is the laboratory report format consistent and legible throughout the report?	X		
2b. Are the sample and reported dates shown in the laboratory report correct?	X		
3a. Does the lab report include the original chain-of-custody form?	X		
3b. Were all samples appropriately analyzed as requested on the chain-of-custody form?	X		
4. Was the lab report signed and dated as being reviewed by the laboratory director, QA manager, or other appropriate personnel? (Some lab reports have signature spaces for each page). (This requirement also applies to any analyses subcontracted out by the laboratory)		X	
5a. Are preparation methods, cleanup methods (if applicable), and laboratory methods indicated for all analyses?	X		
5b. If additional analytes were requested as part of the reporting of the data for an analytical method, were these included in the lab report?			X
6. Are the units in the lab report provided for each analysis consistent throughout the report?	X		
7. Are the detection limits (DL) appropriate based on the intended use of the data? (e.g., DL below applicable MCLs for water quality issues?)	X		
8a. Are detection limits appropriate based on the analysis performed? (i.e., not elevated due to dilution effects)	X		
8b. If no, is an explanation provided by the laboratory?			X

Laboratory Quality Control Checklist

Page 2

	Yes	No	NA
9a. Were the samples analyzed within the appropriate holding time? (generally 2 weeks for volatiles, and up to 6 months for total metals)	X		
9b. If no, was it flagged in the report?			X
10. If samples were composited prior to analysis, does the lab report indicate which samples were composited for each analysis?	X		X
11a. Do the chromatograms confirm quantitative laboratory results? (petroleum hydrocarbons)	X		
11b. Is a standard chromatogram(s) included in the laboratory report?	X		
11c. Do the chromatograms confirm laboratory notes, if present (e.g., sample exhibits lighter hydrocarbon than standard)			X
12. Are the results consistent with previous analytical results from the site? (If no, contact the lab and request review/reanalysis of data, as appropriate)			X
13a. REVISED LAB REPORTS ONLY. Is the revised lab report or revised pages to a lab report signed and dated as being reviewed by the laboratory director, QA manager, or other appropriate personnel?			X
13b. REVISED LAB REPORTS ONLY. Does the case narrative indicate the date of revision and provide an explanation for the revision?			X
13c. REVISED LAB REPORTS ONLY. Does the revised lab report adequately address the problem(s) which triggered the need for a revision?			X
13d. REVISED LAB REPORTS ONLY. Are the data included in the revised report the same as data reported in the original report, except where the report was revised to correct incorrectly reported data?			X
QA/QC Questions			
Field Laboratory Quality Control - Groundwater Analyses			
14. Are field blanks reported as "ND"? (groundwater samples) <i>A field blank is a sample of DI water which is prepared in the field using the same collection and handling procedures as the other samples collected, and used to demonstrate that the sampling procedure has not contaminated the sample.</i>			X
15. Are trip blanks reported as "ND"? (groundwater samples/volatile analyses) <i>A trip blank is a sample of contaminant-free matrix placed in an appropriate container by the lab and transported with the field samples collected. Provides information regarding positive interference introduced during sample transport, storage, preservation, and analysis. The sample is NOT opened in the field.</i>			X
16. Are duplicate sample results consistent with the original sample? (groundwater samples) <i>Field duplicates consist of two independent samples collected at the same sampling location during a single sampling event. Used to evaluate precision of the analytical data and sampling technique. (Differences between the duplicate and sample results may also be attributed to environmental variability).</i>			X

Laboratory Quality Control Checklist

	Yes	No	NA
<p>Batch Quality Control (Samples are batched together by matrix [soil, water] and analyses requested. A batch generally consists of 20 or fewer samples of the same matrix type, and is prepared using the same reagents, standards, procedures, and time frame as the samples. QC samples are run with each batch to assess performance of the entire measurement process.)</p>			
7. Do the sample batch numbers and corresponding laboratory QA/QC batch numbers match?	X		
18a. Are method blanks (MB) for the analytical method(s) below the laboratory reporting limits? <i>Used to assess lab contamination and prevent false positive results. MBs should be "ND."</i>	X		
18b. If no, is an explanation provided in the case narrative to validate the data?			X
8c. Are analytes which may be considered laboratory contaminants reported below the laboratory reporting limit? <i>Common lab contaminants include acetone, methylene chloride, diethylhexyl phthalate, and di-n-octyl phthalate.</i>			X
18d. If no, was the laboratory contacted to determine whether reported analyte could be a potential laboratory contaminant and was an explanation included in the case narrative?			X
19. Are laboratory control samples (LCS) and LCS duplicate (LCSD) [a.k.a., Blank Spike (BS) and BS duplicates (BSD)] within laboratory reporting limits? Limits should be provided on the report. <i>LCS is a reagent blank spike with a representative selection of target analyte(s) and prepared in the same manner as the samples analyzed. The LCS should be spiked with the same analytes as the matrix spike (below). The LCS is free from interferences from the sample matrix and demonstrates the ability of the lab instruments to recover the target analytes. Accuracy (recovery information) is generally reported as % spike recovery; precision (reproducibility of results) between the LCS and LCSD is generally reported as the relative percent difference (RPD). LCS/LCSD can be run in addition to or in lieu of, matrix QC data.</i>	X		
20a. Are the Matrix QC data (i.e., MS/MSD) within laboratory limits? Limits should be provided on the lab report. <i>The lab selects a sample from the batch and analyzes a spike and a spike duplicate of that sample. Matrix QC data is used to obtain precision and accuracy information and is reported in the same manner as LCS/LCSD. If the MS/MSD fails, the results may still be considered valid if the MB and either the LCS/LCSD or BS/BSD is within the lab's limits (failure is probably due to matrix interference).</i>			X
20b. If no, is the MB and either LCS/LCSD or BS/BSD within lab limits to validate the data?			X

Laboratory Quality Control Checklist

Page 4

	Yes	No	NA
Sample Quality Control			
21a. Are the surrogate spikes reported within the lab's acceptable recovery limits? <i>A surrogate is a non-target analyte, which is similar in chemical structure to the analyte(s) being analyzed for, and which is not commonly found in environmental samples. A known concentration of the surrogate is spike into the sample or QA "sample" prior to extraction or sample preparation. Results are usually reported as % recovery of the spike. Failure to meet lab's limits for primary and secondary surrogates results in rebatching and reanalysis of the sample; failure of only the primary or the secondary surrogate may be acceptable under certain circumstances. Failure generally is due to coelution with the sample matrix.</i>			X
21b. If no, is an explanation given in the case narrative to validate the data?			X

Comments:

1a: not provided 1b: not provided / N/A
 4: not provided

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SG-1;16.5-17.0	05/21/2003 12:00	Soil	1
SG-2;16.5-17.0	05/21/2003 12:58	Soil	2
SG-3;16.5-17.0	05/21/2003 13:05	Soil	3

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035 Test(s): 8260B
Sample ID: **SG-1;16.5-17.0** Lab ID: 2003-05-0582 - 1
Sampled: 05/21/2003 12:00 Extracted: 5/21/2003 17:26
Matrix: Soil QC Batch#: 2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Acetone	ND	50	ug/Kg	1.00	05/21/2003 17:26	
Benzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Bromochloromethane	ND	20	ug/Kg	1.00	05/21/2003 17:26	
Bromoform	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Bromomethane	ND	10	ug/Kg	1.00	05/21/2003 17:26	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/21/2003 17:26	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Chloroethane	ND	10	ug/Kg	1.00	05/21/2003 17:26	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/21/2003 17:26	
Chloroform	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Chloromethane	ND	10	ug/Kg	1.00	05/21/2003 17:26	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/21/2003 17:26	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/21/2003 17:26	

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035 Test(s): 8260B
Sample ID: SG-1;16.5-17.0 Lab ID: 2003-05-0582 - 1
Sampled: 05/21/2003 12:00 Extracted: 5/21/2003 17:26
Matrix: Soil QC Batch#: 2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/21/2003 17:26	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/21/2003 17:26	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
2-Hexanone	ND	50	ug/Kg	1.00	05/21/2003 17:26	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Methylene chloride	ND	10	ug/Kg	1.00	05/21/2003 17:26	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/21/2003 17:26	
Naphthalene	ND	10	ug/Kg	1.00	05/21/2003 17:26	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Styrene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Toluene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	

05/22/2003 14:53

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s):	5035	Test(s):	8260B
Sample ID:	SG-1;16.5-17.0	Lab ID:	2003-05-0582 - 1
Sampled:	05/21/2003 12:00	Extracted:	5/21/2003 17:26
Matrix:	Soil	QC Batch#:	2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Vinyl acetate	ND	50	ug/Kg	1.00	05/21/2003 17:26	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Total xylenes	ND	5.0	ug/Kg	1.00	05/21/2003 17:26	
Surrogates(s)						
4-Bromofluorobenzene	93.2	74-121	%	1.00	05/21/2003 17:26	
1,2-Dichloroethane-d4	101.0	70-121	%	1.00	05/21/2003 17:26	
Toluene-d8	96.8	81-117	%	1.00	05/21/2003 17:26	

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035 Test(s): 8260B
Sample ID: SG-2;16.5-17.0 Lab ID: 2003-05-0582 - 2
Sampled: 05/21/2003 12:58 Extracted: 5/21/2003 18:03
Matrix: Soil QC Batch#: 2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Acetone	ND	50	ug/Kg	1.00	05/21/2003 18:03	
Benzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Bromochloromethane	ND	20	ug/Kg	1.00	05/21/2003 18:03	
Bromoform	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Bromomethane	ND	10	ug/Kg	1.00	05/21/2003 18:03	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/21/2003 18:03	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Chloroethane	ND	10	ug/Kg	1.00	05/21/2003 18:03	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/21/2003 18:03	
Chloroform	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Chloromethane	ND	10	ug/Kg	1.00	05/21/2003 18:03	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/21/2003 18:03	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/21/2003 18:03	

05/22/2003 14:53

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

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 Emeryville, CA 94608-2008
 Phone: (510) 420-8686 Fax: (510) 420-1707

 Project: Y3515-00
 Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s):	5035	Test(s):	8260B
Sample ID:	SG-2;16.5-17.0	Lab ID:	2003-05-0582 - 2
Sampled:	05/21/2003 12:58	Extracted:	5/21/2003 18:03
Matrix:	Soil	QC Batch#:	2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/21/2003 18:03	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/21/2003 18:03	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
2-Hexanone	ND	50	ug/Kg	1.00	05/21/2003 18:03	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Methylene chloride	ND	10	ug/Kg	1.00	05/21/2003 18:03	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/21/2003 18:03	
Naphthalene	ND	10	ug/Kg	1.00	05/21/2003 18:03	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Styrene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Toluene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/22/2003 14:53

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035	Test(s): 8260B
Sample ID: SG-2;16.5-17.0	Lab ID: 2003-05-0582 - 2
Sampled: 05/21/2003 12:58	Extracted: 5/21/2003 18:03
Matrix: Soil	QC Batch#: 2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Vinyl acetate	ND	50	ug/Kg	1.00	05/21/2003 18:03	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Total xylenes	ND	5.0	ug/Kg	1.00	05/21/2003 18:03	
Surrogates(s)						
4-Bromofluorobenzene	92.3	74-121	%	1.00	05/21/2003 18:03	
1,2-Dichloroethane-d4	98.7	70-121	%	1.00	05/21/2003 18:03	
Toluene-d8	97.9	81-117	%	1.00	05/21/2003 18:03	

Severn Trent Laboratories, Inc.

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Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

 5900 Hollis Street, Suite D
 Emeryville, CA 94608-2008
 Phone: (510) 420-8686 Fax: (510) 420-1707

 Project: Y3515-00
 Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s):	5035	Test(s):	8260B
Sample ID:	SG-3;16.5-17.0	Lab ID:	2003-05-0582 - 3
Sampled:	05/21/2003 13:05	Extracted:	5/21/2003 18:39
Matrix:	Soil	QC Batch#:	2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Acetone	ND	50	ug/Kg	1.00	05/21/2003 18:39	
Benzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Bromochloromethane	ND	20	ug/Kg	1.00	05/21/2003 18:39	
Bromoform	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Bromomethane	ND	10	ug/Kg	1.00	05/21/2003 18:39	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/21/2003 18:39	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Chloroethane	ND	10	ug/Kg	1.00	05/21/2003 18:39	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/21/2003 18:39	
Chloroform	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Chloromethane	ND	10	ug/Kg	1.00	05/21/2003 18:39	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/21/2003 18:39	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/21/2003 18:39	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/22/2003 14:53

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035	Test(s): 8260B
Sample ID: SG-3;16.5-17.0	Lab ID: 2003-05-0582 - 3
Sampled: 05/21/2003 13:05	Extracted: 5/21/2003 18:39
Matrix: Soil	QC Batch#: 2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/21/2003 18:39	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/21/2003 18:39	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
2-Hexanone	ND	50	ug/Kg	1.00	05/21/2003 18:39	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Methylene chloride	ND	10	ug/Kg	1.00	05/21/2003 18:39	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/21/2003 18:39	
Naphthalene	ND	10	ug/Kg	1.00	05/21/2003 18:39	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Styrene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Toluene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	

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05/22/2003 14:53

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035	Test(s): 8260B
Sample ID: SG-3;16.5-17.0	Lab ID: 2003-05-0582 - 3
Sampled: 05/21/2003 13:05	Extracted: 5/21/2003 18:39
Matrix: Soil	QC Batch#: 2003/05/21-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Vinyl acetate	ND	50	ug/Kg	1.00	05/21/2003 18:39	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Total xylenes	ND	5.0	ug/Kg	1.00	05/21/2003 18:39	
Surrogates(s)						
4-Bromofluorobenzene	91.3	74-121	%	1.00	05/21/2003 18:39	
1,2-Dichloroethane-d4	102.3	70-121	%	1.00	05/21/2003 18:39	
Toluene-d8	97.5	81-117	%	1.00	05/21/2003 18:39	

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/05/21-01.06-006

Soil

Test(s): 8260B
QC Batch # 2003/05/21-01.06
Date Extracted: 05/21/2003 14:51

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	05/21/2003 14:51	
Acetone	ND	50	ug/Kg	05/21/2003 14:51	
Benzene	ND	5.0	ug/Kg	05/21/2003 14:51	
Bromodichloromethane	ND	5.0	ug/Kg	05/21/2003 14:51	
Bromobenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
Bromochloromethane	ND	20	ug/Kg	05/21/2003 14:51	
Bromoform	ND	5.0	ug/Kg	05/21/2003 14:51	
Bromomethane	ND	10	ug/Kg	05/21/2003 14:51	
2-Butanone(MEK)	ND	50	ug/Kg	05/21/2003 14:51	
n-Butylbenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
sec-Butylbenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
tert-Butylbenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
Carbon disulfide	ND	5.0	ug/Kg	05/21/2003 14:51	
Carbon tetrachloride	ND	5.0	ug/Kg	05/21/2003 14:51	
Chlorobenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
Chloroethane	ND	10	ug/Kg	05/21/2003 14:51	
2-Chloroethylvinyl ether	ND	50	ug/Kg	05/21/2003 14:51	
Chloroform	ND	5.0	ug/Kg	05/21/2003 14:51	
Chloromethane	ND	10	ug/Kg	05/21/2003 14:51	
2-Chlorotoluene	ND	5.0	ug/Kg	05/21/2003 14:51	
4-Chlorotoluene	ND	5.0	ug/Kg	05/21/2003 14:51	
Dibromochloromethane	ND	5.0	ug/Kg	05/21/2003 14:51	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,3-Dichloropropane	ND	5.0	ug/Kg	05/21/2003 14:51	
2,2-Dichloropropane	ND	5.0	ug/Kg	05/21/2003 14:51	
1,1-Dichloropropene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	05/21/2003 14:51	

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

 5900 Hollis Street, Suite D
 Emeryville, CA 94608-2008
 Phone: (510) 420-8686 Fax: (510) 420-1707

 Project: Y3515-00
 Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2003/05/21-01.06

MB: 2003/05/21-01.06-006

Date Extracted: 05/21/2003 14:51

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	05/21/2003 14:51	
Dibromomethane	ND	10	ug/Kg	05/21/2003 14:51	
Dichlorodifluoromethane	ND	10	ug/Kg	05/21/2003 14:51	
1,1-Dichloroethane	ND	5.0	ug/Kg	05/21/2003 14:51	
1,2-Dichloroethane	ND	5.0	ug/Kg	05/21/2003 14:51	
1,1-Dichloroethene	ND	5.0	ug/Kg	05/21/2003 14:51	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/21/2003 14:51	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,2-Dichloropropane	ND	5.0	ug/Kg	05/21/2003 14:51	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/21/2003 14:51	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/21/2003 14:51	
Ethylbenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
Hexachlorobutadiene	ND	5.0	ug/Kg	05/21/2003 14:51	
2-Hexanone	ND	50	ug/Kg	05/21/2003 14:51	
Isopropylbenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
p-Isopropyltoluene	ND	5.0	ug/Kg	05/21/2003 14:51	
Methylene chloride	ND	10.0	ug/Kg	05/21/2003 14:51	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	05/21/2003 14:51	
Naphthalene	ND	10	ug/Kg	05/21/2003 14:51	
n-Propylbenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
Styrene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/21/2003 14:51	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/21/2003 14:51	
Tetrachloroethene	ND	5.0	ug/Kg	05/21/2003 14:51	
Toluene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/21/2003 14:51	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/21/2003 14:51	

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Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

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Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/05/21-01.06-006

Soil

Test(s): 8260B
QC Batch # 2003/05/21-01.06
Date Extracted: 05/21/2003 14:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	05/21/2003 14:51	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/21/2003 14:51	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/21/2003 14:51	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/21/2003 14:51	
Vinyl acetate	ND	50	ug/Kg	05/21/2003 14:51	
Vinyl chloride	ND	5.0	ug/Kg	05/21/2003 14:51	
Total xylenes	ND	5.0	ug/Kg	05/21/2003 14:51	
Surrogates(s)					
4-Bromofluorobenzene	93.1	74-121	%	05/21/2003 14:51	
1,2-Dichloroethane-d4	101.8	70-121	%	05/21/2003 14:51	
Toluene-d8	99.5	81-117	%	05/21/2003 14:51	

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

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Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2003/05/21-01.06

LCS 2003/05/21-01.06-004

Extracted: 05/21/2003

Analyzed: 05/21/2003 13:38

LCSD 2003/05/21-01.06-005

Extracted: 05/21/2003

Analyzed: 05/21/2003 14:15

Compound	Conc. ug/Kg		Exp.Conc.	Recovery		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	105	105	100.0	105.0	105.0	0.0	69-129	20		
Chlorobenzene	109	107	100.0	109.0	107.0	1.9	61-121	20		
1,1-Dichloroethene	113	110	100.0	113.0	110.0	2.7	65-125	20		
Toluene	106	105	100.0	106.0	105.0	0.9	70-130	20		
Trichloroethene	103	100	100.0	103.0	100.0	3.0	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	478	470	500	95.6	94.0		74-121			
1,2-Dichloroethane-d4	491	513	500	98.2	102.6		70-121			
Toluene-d8	500	502	500	100.0	100.4		81-117			

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Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SG-1;16.5-17.0	05/21/2003 12:00	Soil	1
SG-2;16.5-17.0	05/21/2003 12:58	Soil	2
SG-3;16.5-17.0	05/21/2003 13:05	Soil	3
SD-1;16.5-17.0	05/21/2003 12:30	Soil	4
SD-2;16.5-17.0	05/21/2003 13:13	Soil	5
SD-3;16.5-17.0	05/21/2003 13:20	Soil	6
SP-1-SP-4	05/21/2003 13:30	Soil	7

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Gasoline

Baseline Environmental

Attn.: Bill Howell

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Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035	Test(s): 8015M
Sample ID: SG-1;16.5-17.0	Lab ID: 2003-05-0582 - 1
Sampled: 05/21/2003 12:00	Extracted: 5/21/2003 17:33
Matrix: Soil	QC Batch#: 2003/05/21-02.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/21/2003 17:33	
Surrogates(s)						
4-Bromofluorobenzene-FID	85.2	58-124	%	1.00	05/21/2003 17:33	

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Page 2 of 10

Gasoline

Baseline Environmental

Attn.: Bill Howell

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Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035	Test(s): 8015M
Sample ID: SG-2;16.5-17.0	Lab ID: 2003-05-0582 - 2
Sampled: 05/21/2003 12:58	Extracted: 5/21/2003 18:03
Matrix: Soil	QC Batch#: 2003/05/21-02.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/21/2003 18:03	
<i>Surrogates(s)</i>						
4-Bromofluorobenzene-FID	76.8	58-124	%	1.00	05/21/2003 18:03	

Gasoline

Baseline Environmental

Attn.: Bill Howell

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Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035 Test(s): 8015M
Sample ID: SG-3;16.5-17.0 Lab ID: 2003-05-0582 - 3
Sampled: 05/21/2003 13:05 Extracted: 5/21/2003 18:33
Matrix: Soil QC Batch#: 2003/05/21-02.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/21/2003 18:33	
<i>Surrogates(s)</i> 4-Bromofluorobenzene-FID	75.6	58-124	%	1.00	05/21/2003 18:33	

Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035	Test(s): 8015M
Sample ID: SD-1;16.5-17.0	Lab ID: 2003-05-0582 - 4
Sampled: 05/21/2003 12:30	Extracted: 5/21/2003 19:03
Matrix: Soil	QC Batch#: 2003/05/21-02.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/21/2003 19:03	
<i>Surrogates(s)</i>						
4-Bromofluorobenzene-FID	85.4	58-124	%	1.00	05/21/2003 19:03	

Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035	Test(s): 8015M
Sample ID: SD-2;16.5-17.0	Lab ID: 2003-05-0582 - 5
Sampled: 05/21/2003 13:13	Extracted: 5/21/2003 19:33
Matrix: Soil	QC Batch#: 2003/05/21-02.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/21/2003 19:33	
<i>Surrogates(s)</i>						
4-Bromofluorobenzene-FID	82.7	58-124	%	1.00	05/21/2003 19:33	

Gasoline

Baseline Environmental

Attn.: Bill Howell

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Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035 Test(s): 8015M
Sample ID: SD-3;16.5-17.0 Lab ID: 2003-05-0582 - 6
Sampled: 05/21/2003 13:20 Extracted: 5/21/2003 20:03
Matrix: Soil QC Batch#: 2003/05/21-02.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/21/2003 20:03	
<i>Surrogates(s)</i>						
4-Bromofluorobenzene-FID	79.1	58-124	%	1.00	05/21/2003 20:03	

Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 5035	Test(s): 8015M
Sample ID: SP-1-SP-4	Lab ID: 2003-05-0582 - 7
Sampled: 05/21/2003 13:30	Extracted: 5/21/2003 20:33
Matrix: Soil	QC Batch#: 2003/05/21-02.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/21/2003 20:33	
<i>Surrogates(s)</i>						
4-Bromofluorobenzene-FID	86.7	58-124	%	1.00	05/21/2003 20:33	

Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 5035

Method Blank

MB: 2003/05/21-02.03-001

Soil

Test(s): 8015M

QC Batch # 2003/05/21-02.03

Date Extracted: 05/21/2003 12:12

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	05/21/2003 12:12	
<i>Surrogates(s)</i> 4-Bromofluorobenzene-FID	103.4	58-124	%	05/21/2003 12:12	

Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 5035

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/05/21-02.03

LCS 2003/05/21-02.03-002

Extracted: 05/21/2003

Analyzed: 05/21/2003 12:42

LCSD 2003/05/21-02.03-003

Extracted: 05/21/2003

Analyzed: 05/21/2003 13:12

Compound	Conc. mg/Kg		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.477	0.498	0.500	95.4	99.6	4.3	75-125	35		
<i>Surrogates(s)</i> 4-Bromofluorobenzene-FID	410	409	500	82.0	81.8		58-124	0		

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05/22/2003 11:52

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SG-1;16.5-17.0	05/21/2003 12:00	Soil	1
SG-2;16.5-17.0	05/21/2003 12:58	Soil	2
SG-3;16.5-17.0	05/21/2003 13:05	Soil	3
SD-1;16.5-17.0	05/21/2003 12:30	Soil	4
SD-2;16.5-17.0	05/21/2003 13:13	Soil	5
SD-3;16.5-17.0	05/21/2003 13:20	Soil	6
SP-1-SP-4	05/21/2003 13:30	Soil	7

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: SG-1;16.5-17.0	Lab ID: 2003-05-0582 - 1
Sampled: 05/21/2003 12:00	Extracted: 5/21/2003 16:31
Matrix: Soil	QC Batch#: 2003/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2003 14:15	
<i>Surrogates(s)</i> o-Terphenyl	62.8	60-130	%	1.00	05/22/2003 14:15	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: SG-2;16.5-17.0	Lab ID: 2003-05-0582 - 2
Sampled: 05/21/2003 12:58	Extracted: 5/21/2003 16:31
Matrix: Soil	QC Batch#: 2003/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2003 14:55	
<i>Surrogates(s)</i> o-Terphenyl	78.0	60-130	%	1.00	05/22/2003 14:55	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: SG-3;16.5-17.0	Lab ID: 2003-05-0582 - 3
Sampled: 05/21/2003 13:05	Extracted: 5/21/2003 16:31
Matrix: Soil	QC Batch#: 2003/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2003 15:35	
<i>Surrogates(s)</i>						
o-Terphenyl	64.5	60-130	%	1.00	05/22/2003 15:35	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: SD-1;16.5-17.0	Lab ID: 2003-05-0582 - 4
Sampled: 05/21/2003 12:30	Extracted: 5/21/2003 16:31
Matrix: Soil	QC Batch#: 2003/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2003 16:15	
<i>Surrogates(s)</i> o-Terphenyl	72.1	60-130	%	1.00	05/22/2003 16:15	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: SD-2;16.5-17.0	Lab ID: 2003-05-0582 - 5
Sampled: 05/21/2003 13:13	Extracted: 5/21/2003 16:31
Matrix: Soil	QC Batch#: 2003/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2003 16:40	
<i>Surrogates(s)</i> o-Terphenyl	64.3	60-130	%	1.00	05/22/2003 16:40	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: SD-3;16.5-17.0	Lab ID: 2003-05-0582 - 6
Sampled: 05/21/2003 13:20	Extracted: 5/21/2003 16:31
Matrix: Soil	QC Batch#: 2003/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2003 15:59	
<i>Surrogates(s)</i> o-Terphenyl	72.4	60-130	%	1.00	05/22/2003 15:59	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: SP-1-SP-4	Lab ID: 2003-05-0582 - 7
Sampled: 05/21/2003 13:30	Extracted: 5/21/2003 16:31
Matrix: Soil	QC Batch#: 2003/05/21-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/22/2003 15:32	
<i>Surrogates(s)</i> o-Terphenyl	75.2	60-130	%	1.00	05/22/2003 15:32	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 3550/8015M

Method Blank

MB: 2003/05/21-07.10-003

Soil

Test(s): 8015M

QC Batch # 2003/05/21-07.10

Date Extracted: 05/21/2003 16:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	05/22/2003 23:42	
<i>Surrogates(s)</i> o-Terphenyl	68.7	60-130	%	05/22/2003 23:42	

Diesel with Silica Gel Clean-up

Baseline Environmental
Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/05/21-07.10

LCS 2003/05/21-07.10-001

Extracted: 05/21/2003

Analyzed: 05/22/2003 22:25

LCSD 2003/05/21-07.10-002

Extracted: 05/21/2003

Analyzed: 05/22/2003 23:04

Compound	Conc. mg/Kg		Exp. Conc.	Recovery		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	37.4	35.9	41.6	89.9	86.3	4.1	60-130	25		
Surrogates(s) o-Terphenyl	18.1	17.3	20.0	90.6	86.5		60-130	0		

Total Lead

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SG-1;16.5-17.0	05/21/2003 12:00	Soil	1
SG-2;16.5-17.0	05/21/2003 12:58	Soil	2
SG-3;16.5-17.0	05/21/2003 13:05	Soil	3
SD-1;16.5-17.0	05/21/2003 12:30	Soil	4
SD-2;16.5-17.0	05/21/2003 13:13	Soil	5
SD-3;16.5-17.0	05/21/2003 13:20	Soil	6

Total Lead

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3050B Test(s): 60108
Sample ID: SG-2;16.5-17.0 Lab ID: 2003-05-0582 - 2
Sampled: 05/21/2003 12:58 Extracted: 5/21/2003 12:33
Matrix: Soil QC Batch#: 2003/05/21-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	5.0	mg/Kg	1.00	05/23/2003 05:23	

Total Lead

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3050B	Test(s): 6010B
Sample ID: SG-3;16.5-17.0	Lab ID: 2003-05-0582 - 3
Sampled: 05/21/2003 13:05	Extracted: 5/21/2003 12:33
Matrix: Soil	QC Batch#: 2003/05/21-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	5.0	mg/Kg	1.00	05/23/2003 05:24	

Total Lead

Baseline Environmental
Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s): 3050B	Test(s): 6010B
Sample ID: SD-1;16.5-17.0	Lab ID: 2003-05-0582 - 4
Sampled: 05/21/2003 12:30	Extracted: 5/21/2003 12:33
Matrix: Soil	QC Batch#: 2003/05/21-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	5.0	mg/Kg	1.00	05/23/2003 05:24	

Total Lead

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s):	3050B	Test(s):	6010B
Sample ID:	SD-2;16.5-17.0	Lab ID:	2003-05-0582 - 5
Sampled:	05/21/2003 13:13	Extracted:	5/21/2003 12:33
Matrix:	Soil	QC Batch#:	2003/05/21-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	5.0	mg/Kg	1.00	05/23/2003 05:25	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/23/2003 06:59

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Total Lead

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Prep(s):	3050B	Test(s):	6010B
Sample ID:	SD-3;16.5-17.0	Lab ID:	2003-05-0582 - 6
Sampled:	05/21/2003 13:20	Extracted:	5/21/2003 12:33
Matrix:	Soil	QC Batch#:	2003/05/21-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	5.0	mg/Kg	1.00	05/23/2003 05:26	

Total Lead

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 3050B

Method Blank

MB: 2003/05/21-04.15-010

Soil

Test(s): 6010B

QC Batch # 2003/05/21-04.15

Date Extracted: 05/21/2003 12:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	5.0	mg/Kg	05/23/2003 05:11	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/23/2003 06:59

Page 8 of 9

Total Lead

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregate

Received: 05/21/2003 14:05

Site: 3000 Busch Road, Pleasanton

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Soil

QC Batch # 2003/05/21-04.15

LCS 2003/05/21-04.15-011

Extracted: 05/21/2003

Analyzed: 05/23/2003 05:12

LCSD 2003/05/21-04.15-012

Extracted: 05/21/2003

Analyzed: 05/23/2003 05:12

Compound	Conc. mg/Kg		Exp. Conc.	Recovery		RPD	Ctrl. Limits %			Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Lead	108	110	100.0	108.0	110.0	1.8	80-120	20			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/23/2003 06:59

Page 9 of 9

STL San Francisco

Sample Receipt Checklist

Submission #: 2003- 05-0582

Checklist completed by: (initials) NK Date: 05/21 /03

Courier name: STL San Francisco Client _____

Custody seals intact on shipping container/samples

Yes ___ No ___ Not Present

Chain of custody present?

Yes No ___

Chain of custody signed when relinquished and received?

Yes No ___

Chain of custody agrees with sample labels?

Yes No ___

Samples in proper container/bottle?

Yes No ___

Sample containers intact?

Yes No ___

Sufficient sample volume for indicated test?

Yes No ___

All samples received within holding time?

Yes No ___

Container/Temp Blank temperature in compliance ($4^{\circ}C \pm 2$)?

Temp 22.0 C Yes No ___

Water - VOA vials have zero headspace?

No VOA vials submitted Yes ___ No ___

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? Yes No

pH adjusted- Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: Rec'd within 7 hrs of sampling

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ____/____/03

Client contacted: Yes No

Summary of discussion:

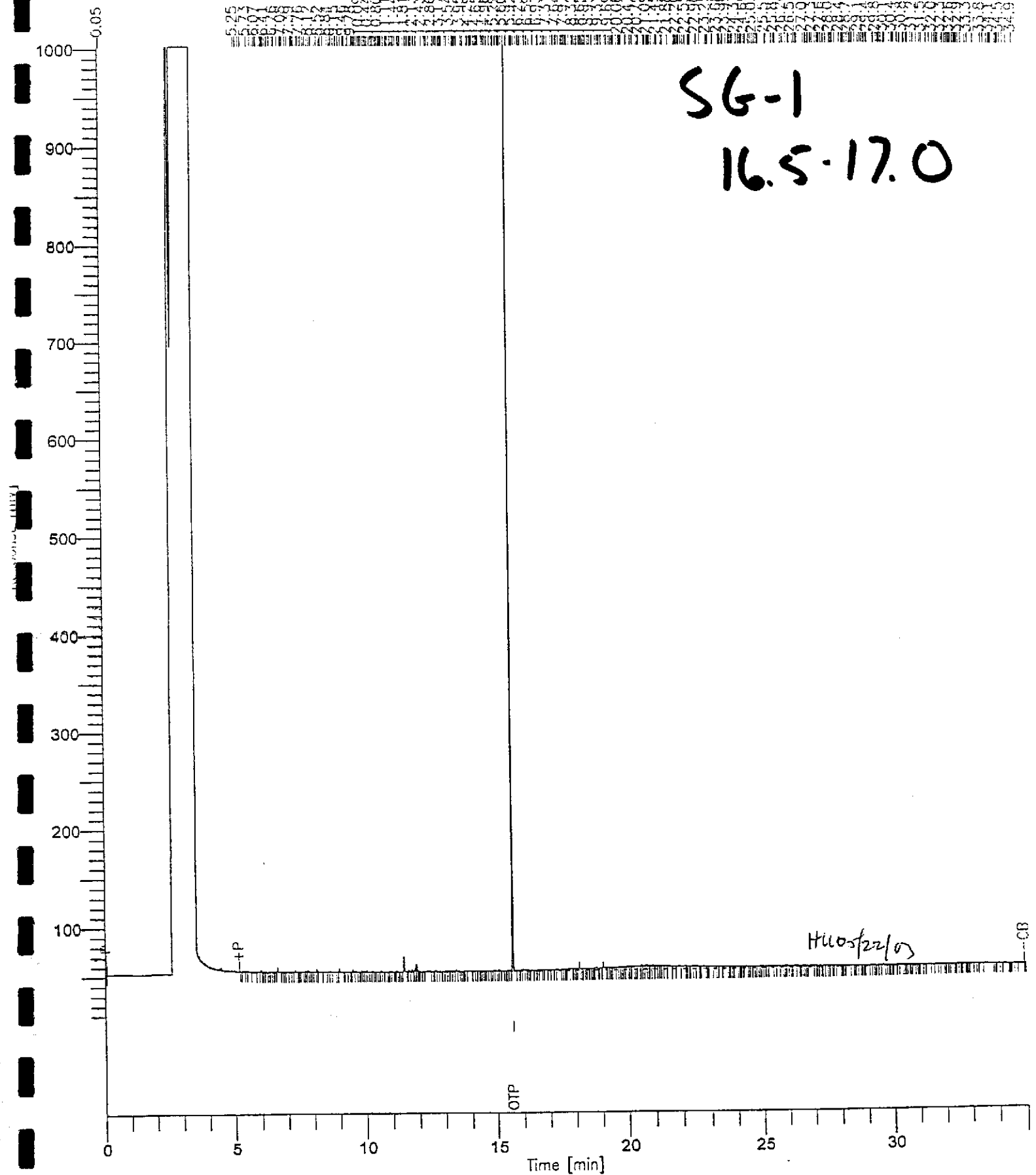
Corrective Action (per PM/Client):

Chromatogram

Sample Name : 090882-001SG
File Name : N:\200305\DATA\2522009.raw
Sample ID : 17PHQ509
Start Time : 0.00 min
Scale Factor : -1.0

End Time : 35.00 min
Plot Offset : 3 mV

Page 1 of 1
Sample #: 052107.10
Date : 05/22/2003 17:03
Time of Injection: 05/22/2003 14:15
Low Point : 2.56 mV
High Point : 1002.56 mV
Plot Scale: 1000.0 mV



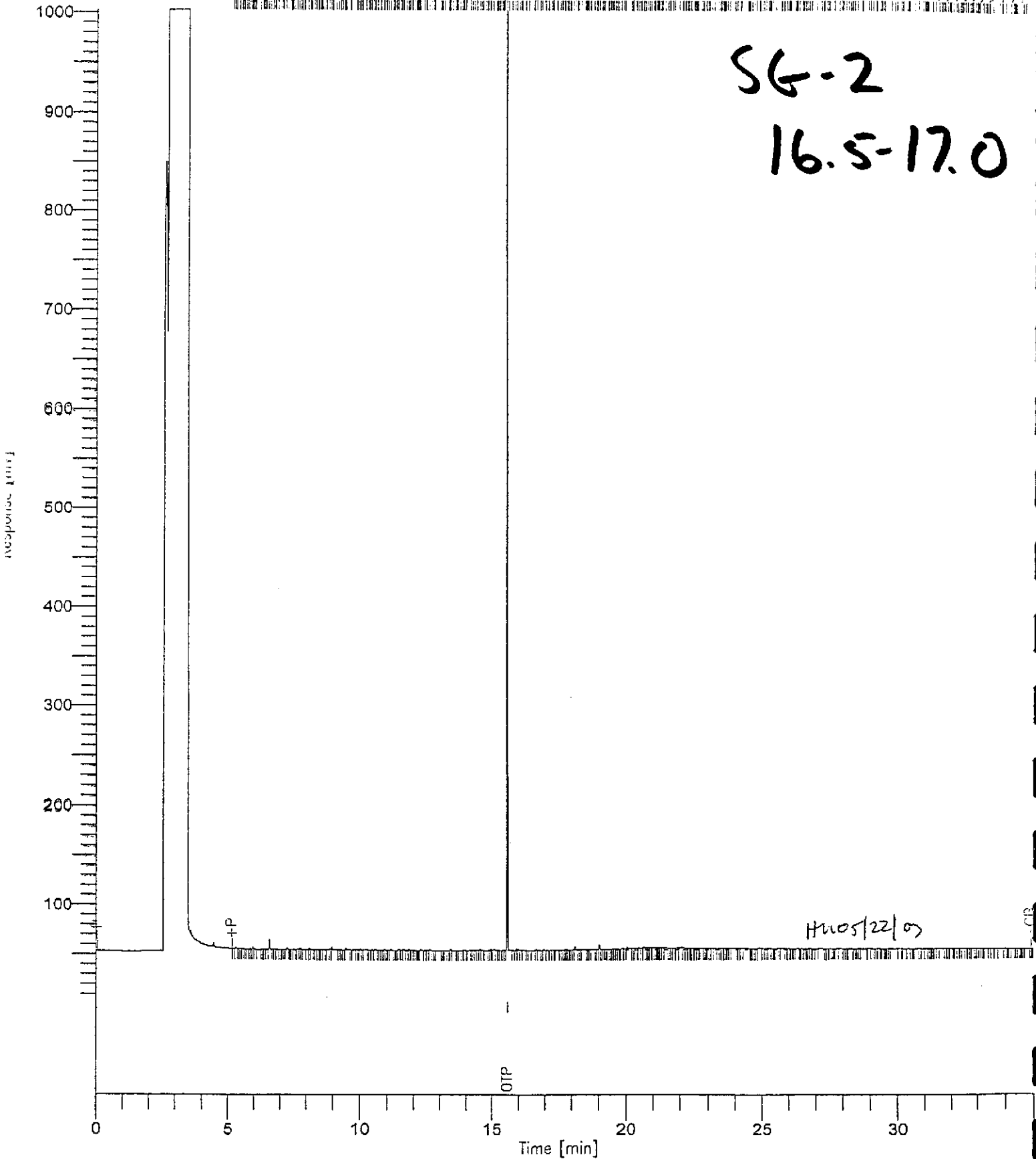
Chromatogram

Sample Name : 050542-002SG
FileName : N:\200305\DATA\2522010.raw
Method : ITPHQS08
Start Time : 0.00 min
Scale Factor : -1.0

End Time : 35.00 min
Plot Offset : 3 mV

Sample #: 052107.10
Date : 05/22/2003 17:03
Time of Injection: 05/22/2003 14:55
Low Point : 2.53 mV
High Point : 1002.53 mV
Plot Scale: 1000.0 mV

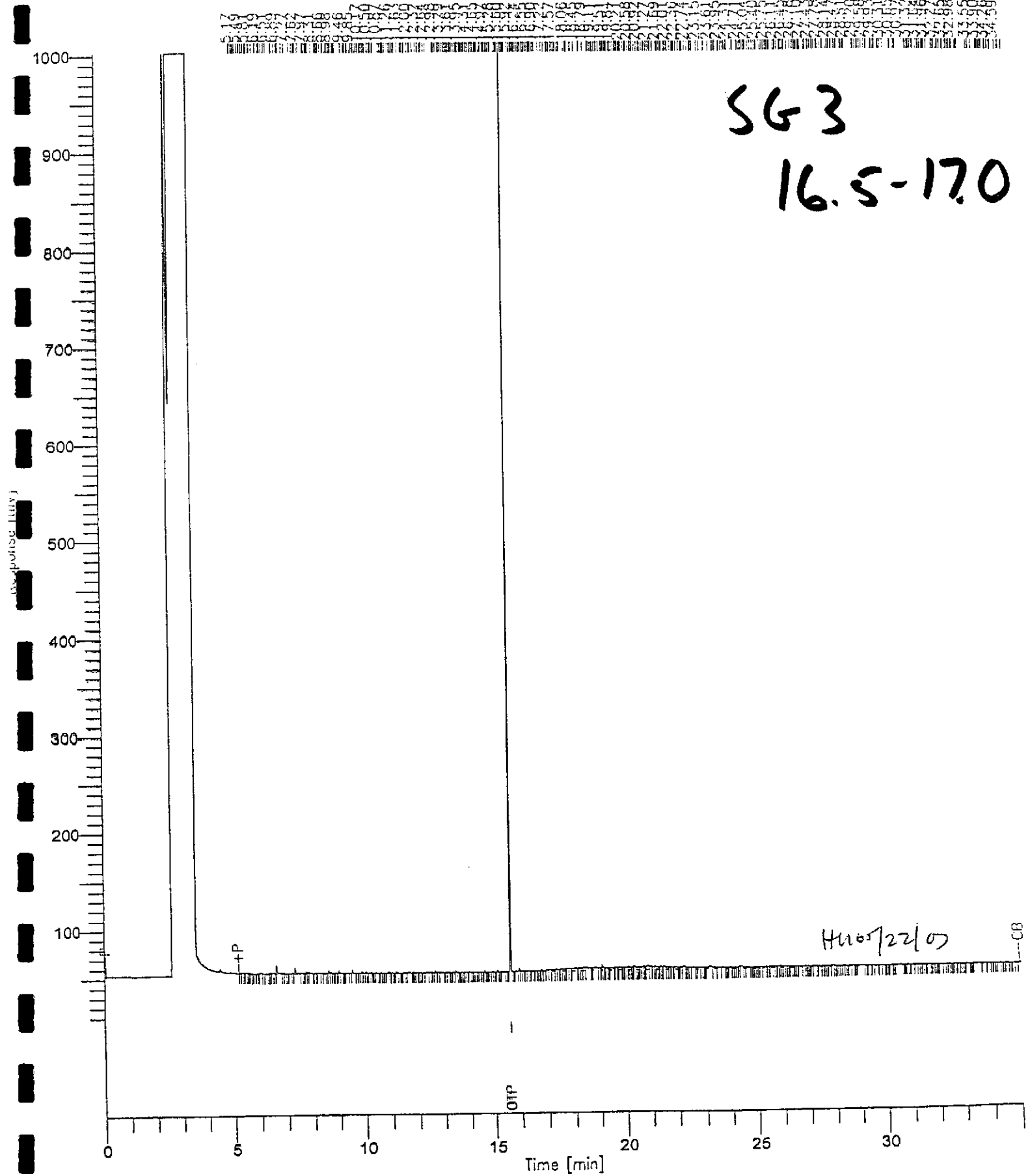
Page 1 of 1



Chromatogram

Sample Name : 050542-00330
File Name : M:\200305\DATA\2522011.raw
Method : 1TPH0308
Run Time : 0.00 min
Scale Factor : -1.0

Sample #: 052107.10
Date : 05/22/2003 17:04
Time of Injection: 05/22/2003 15:35
Low Point : 2.65 mV
High Point : 1002.65 mV
End Time : 35.00 min
Plot Offset: 3 mV
Plot Scale: 1000.0 mV



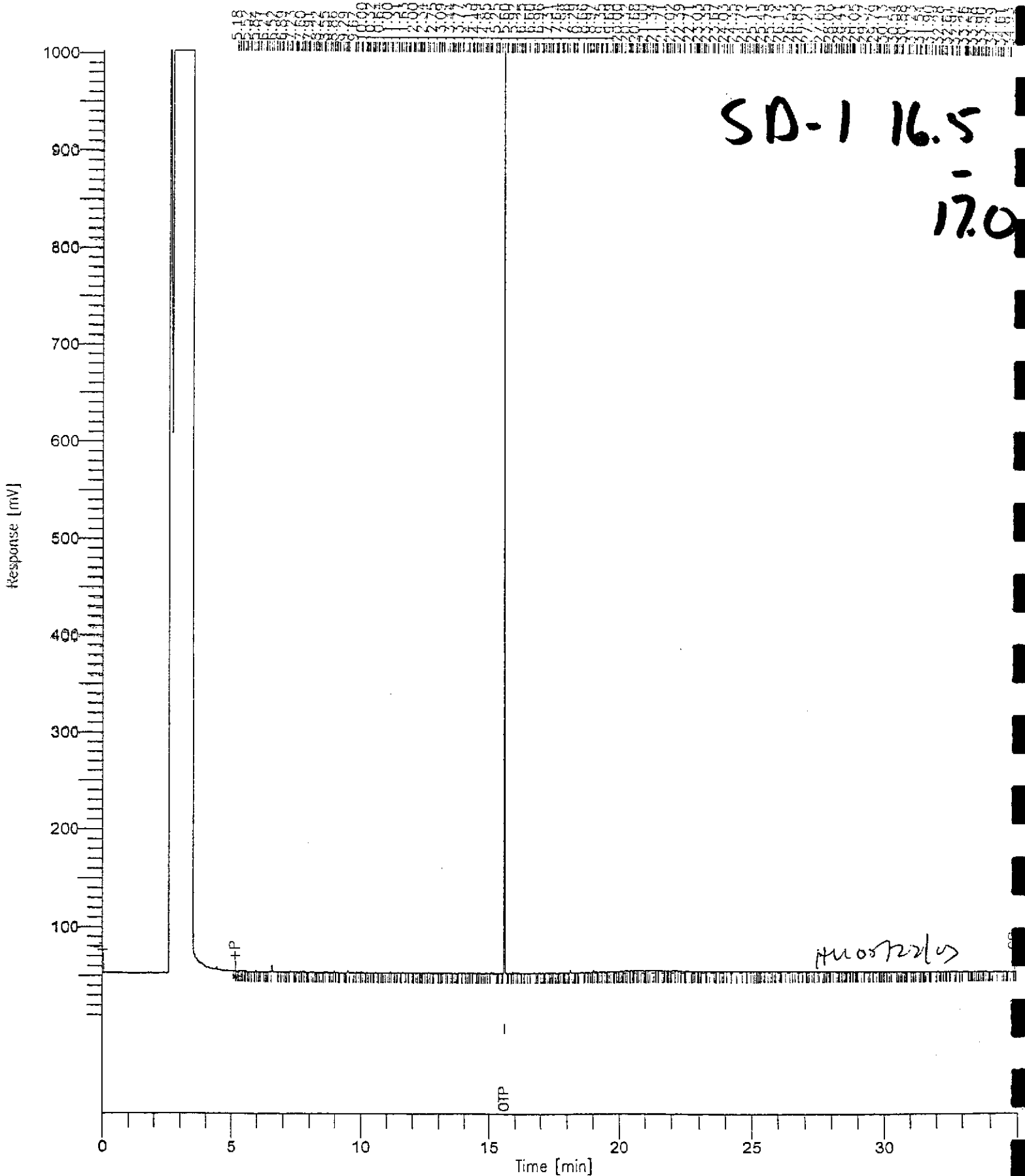
Chromatogram

Sample Name : 050522-004SG
FileName : N:\200305\DATA\2522012.raw
Method : 1T2H0508
Start Time : 0.00 min
Scale Factor: -1.0

End Time : 35.00 min
Plot Offset: 3 mV

Sample #: 052107.10
Data : 05/22/2003 17:04
Time of Injection: 05/22/2003 16:15
Low Point : 2.53 mV
High Point : 1002.53 mV
Plot Scale: 1000.0 mV

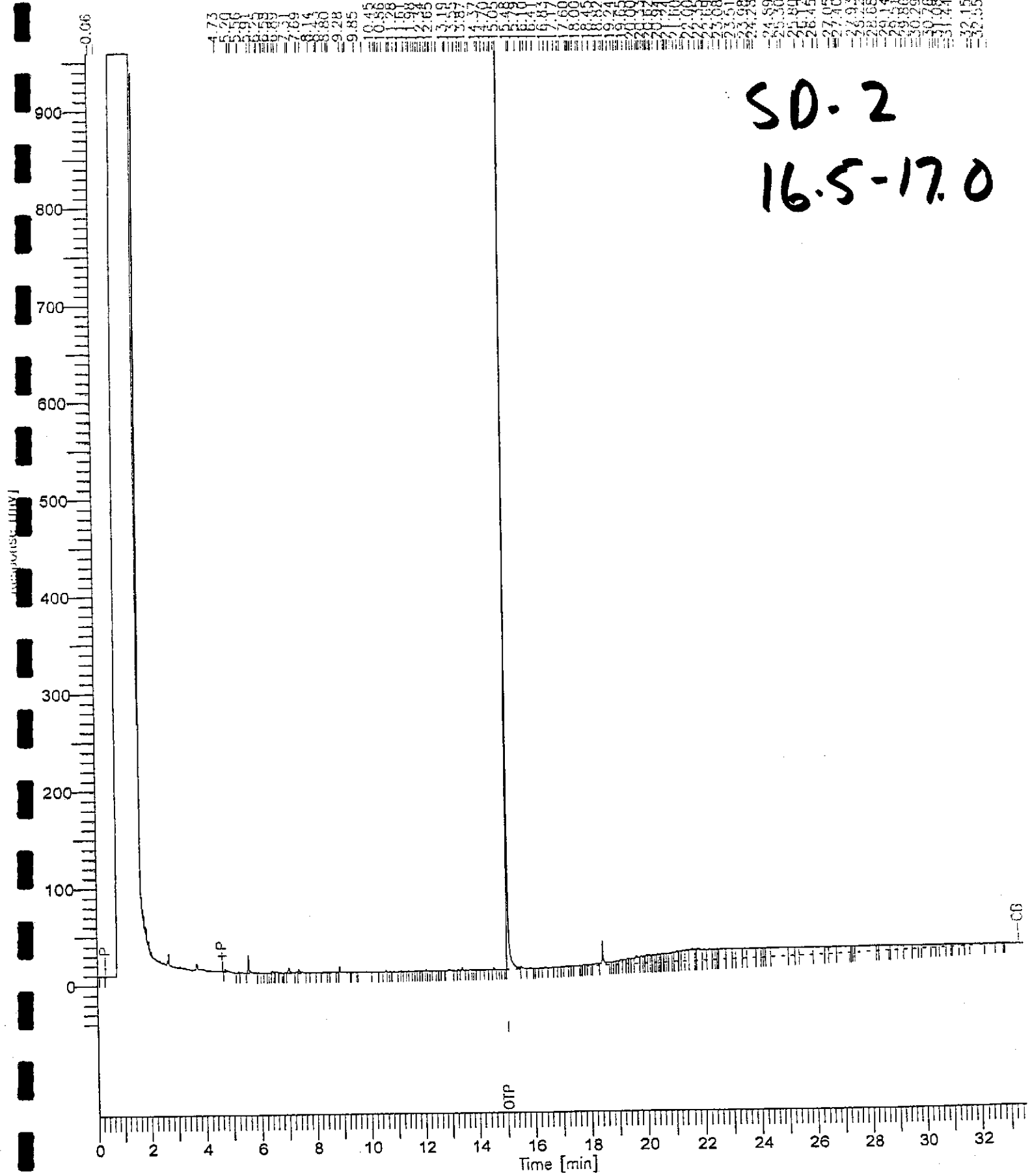
Page 1 of 1



Chromatogram

Sample Name : 050582-0055G
 File Name : M:\200305\DATA\6522021.raw
 Method : STDH0403
 Inj Time : 0.00 min
 Scale Factor : -1.0

Sample #: 052107.10 Page 1 of 1
 Date : 05/22/2003 17:14
 Time of Injection: 05/22/2003 16:40
 Low Point : -40.96 mV High Point : 959.04 mV
 Plot Scale: 1000.0 mV



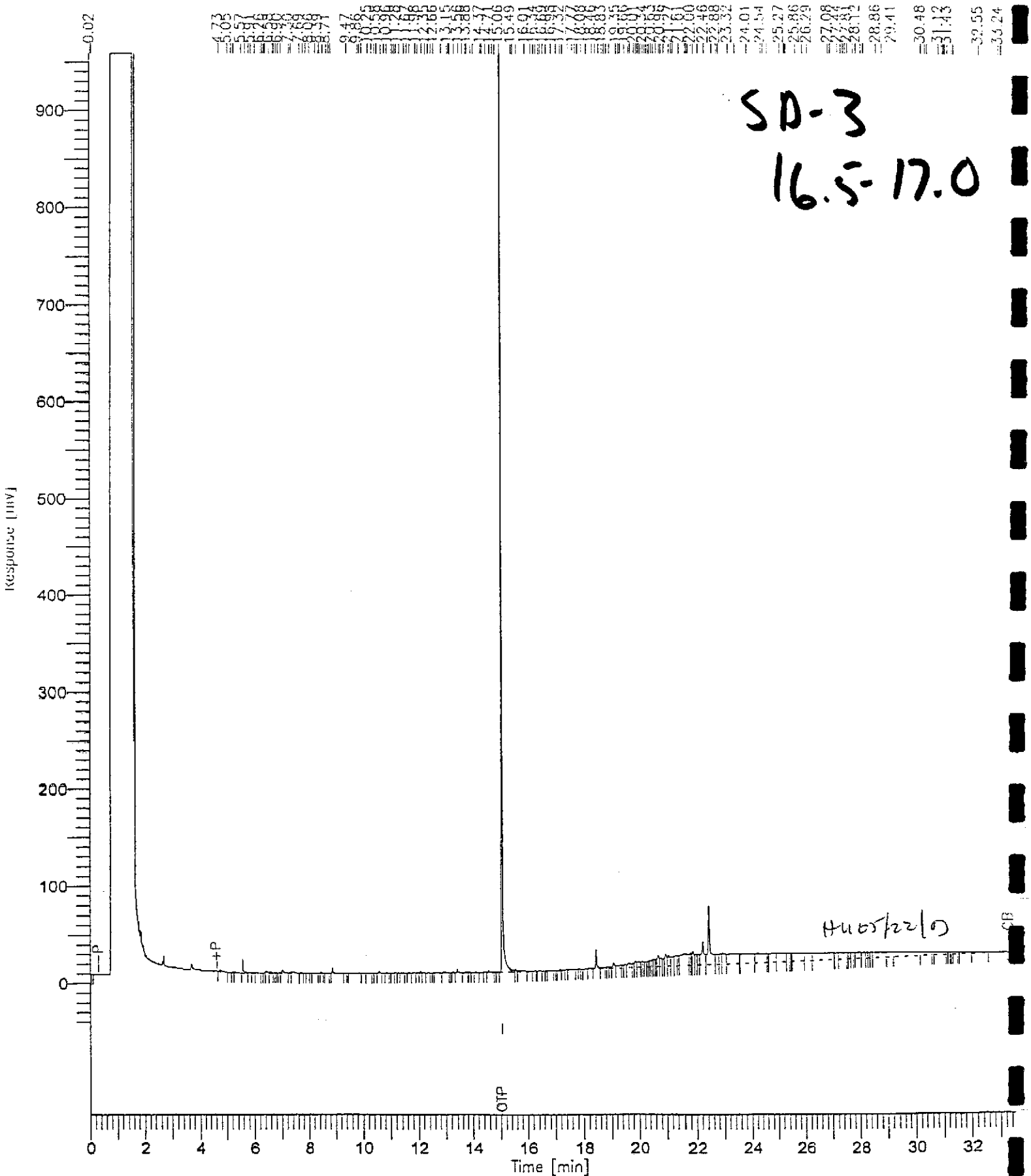
Chromatogram

Sample Name : 050582-0063G
FileName : M:\200305\DATA\6322020.raw
Method : 678H0403
Start Time : 0.00 min
Scale Factor: -1.0

End Time : 33.50 min
Plot Offset: -41 mV

Sample #: 052107.10
Date : 05/22/2003 16:33
Time of Injection: 05/22/2003 15:59
Low Point : -41.23 mV
High Point : 953.77 mV
Plot Scale: 1000.0 mV

Page 1 of 1



Chromatogram

Sample Name : 050302-0073G
File Name : C:\200305\DATA\3522010.raw
Method : 372H0424
Start Time : 0.00 min
Scale Factor: 0.0

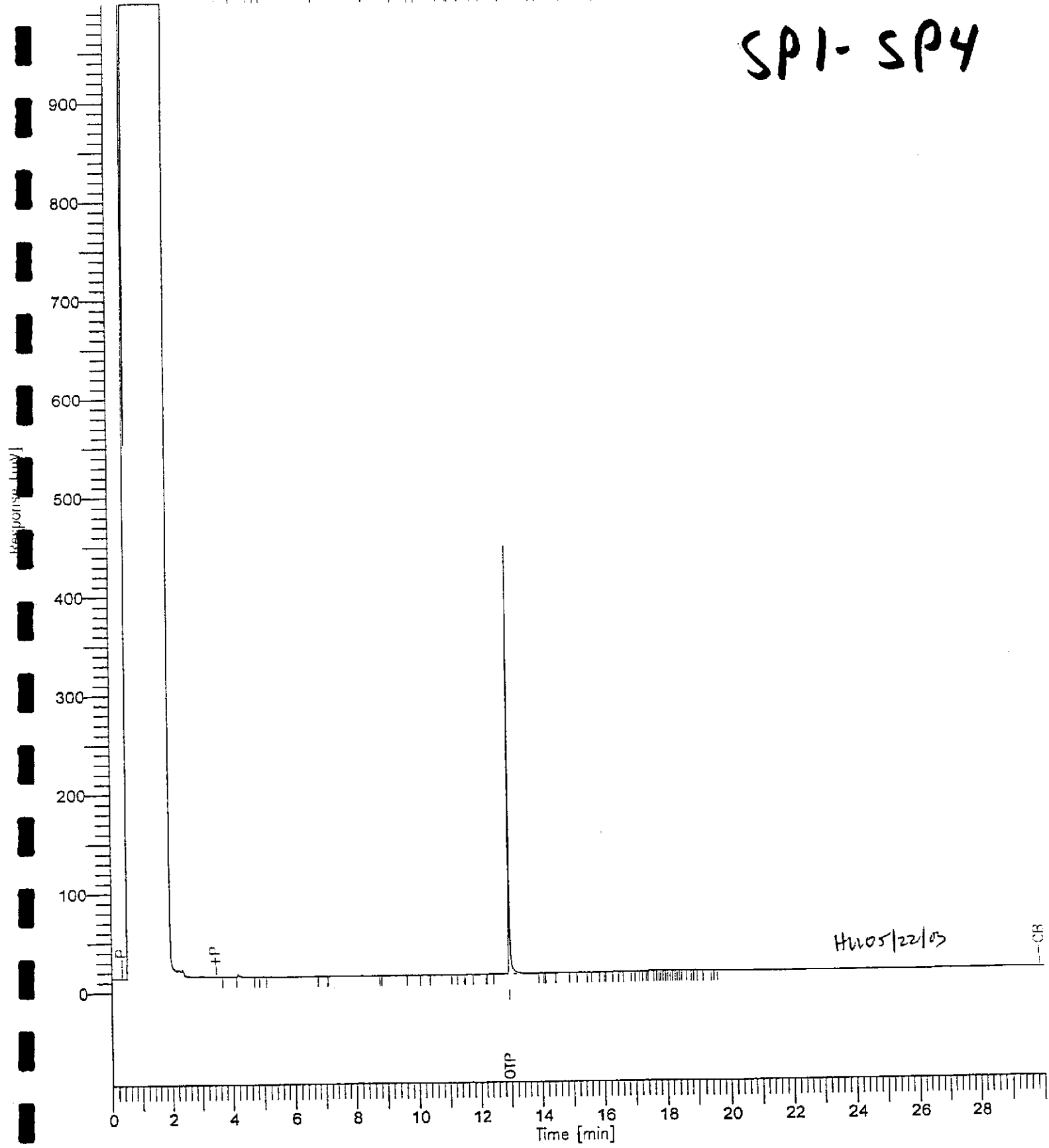
End Time : 30.00 min
Plot Offset: 0 mV

Sample #: 052107.10
Date : 05/22/2003 16:02
Time of Injection: 05/22/2003 15:32
Low Point : 0.00 mV
High Point : 1000.00 mV
Plot Scale: 1000.0 mV

Page 1 of 1

-3.73
-4.17
-4.76
-5.14
-6.84
-8.49
-9.43
-9.97
-10.91
-11.62
-12.05
-12.95
-13.59
-14.69
-15.58
-16.33
-16.89
-17.72
-18.05
-18.51

SPI-SP4



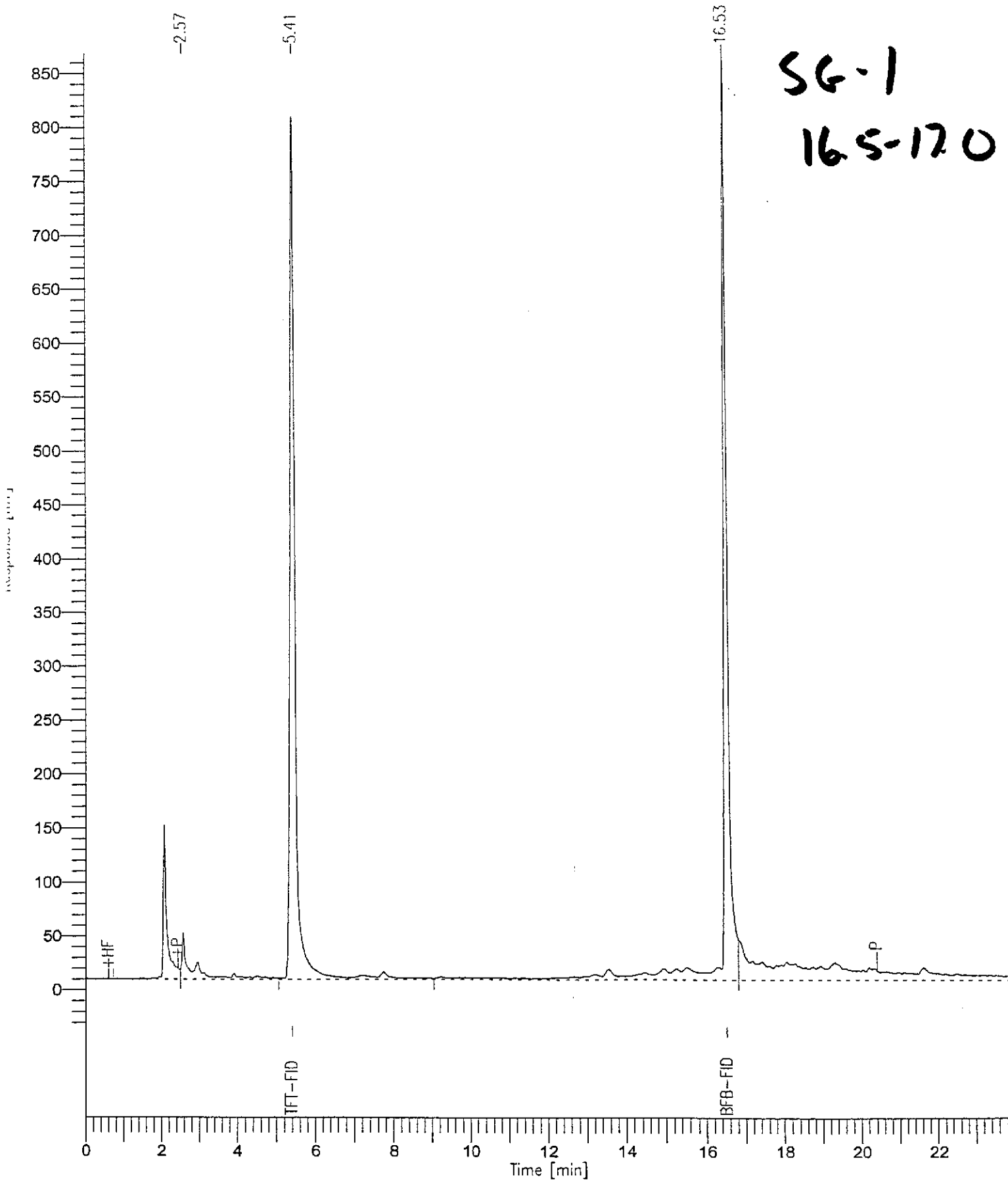
Gasoline Chromatogram

Sample Name : SA-SO-2003-05-0582-001 => SG-1;16.5-17.0
FileName : K:\200305\DATA\3G052118.raw
Method : 3GSD0402
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 24.00 min
Plot Offset: -33 mV

Sample # :
Date : 05/21/2003 17:57
Time of Injection: 05/21/2003 17:33
Low Point : -33.24 mV
Plot Scale: 901.7 mV
High Point : 858.50 mV

Page 1 of 1

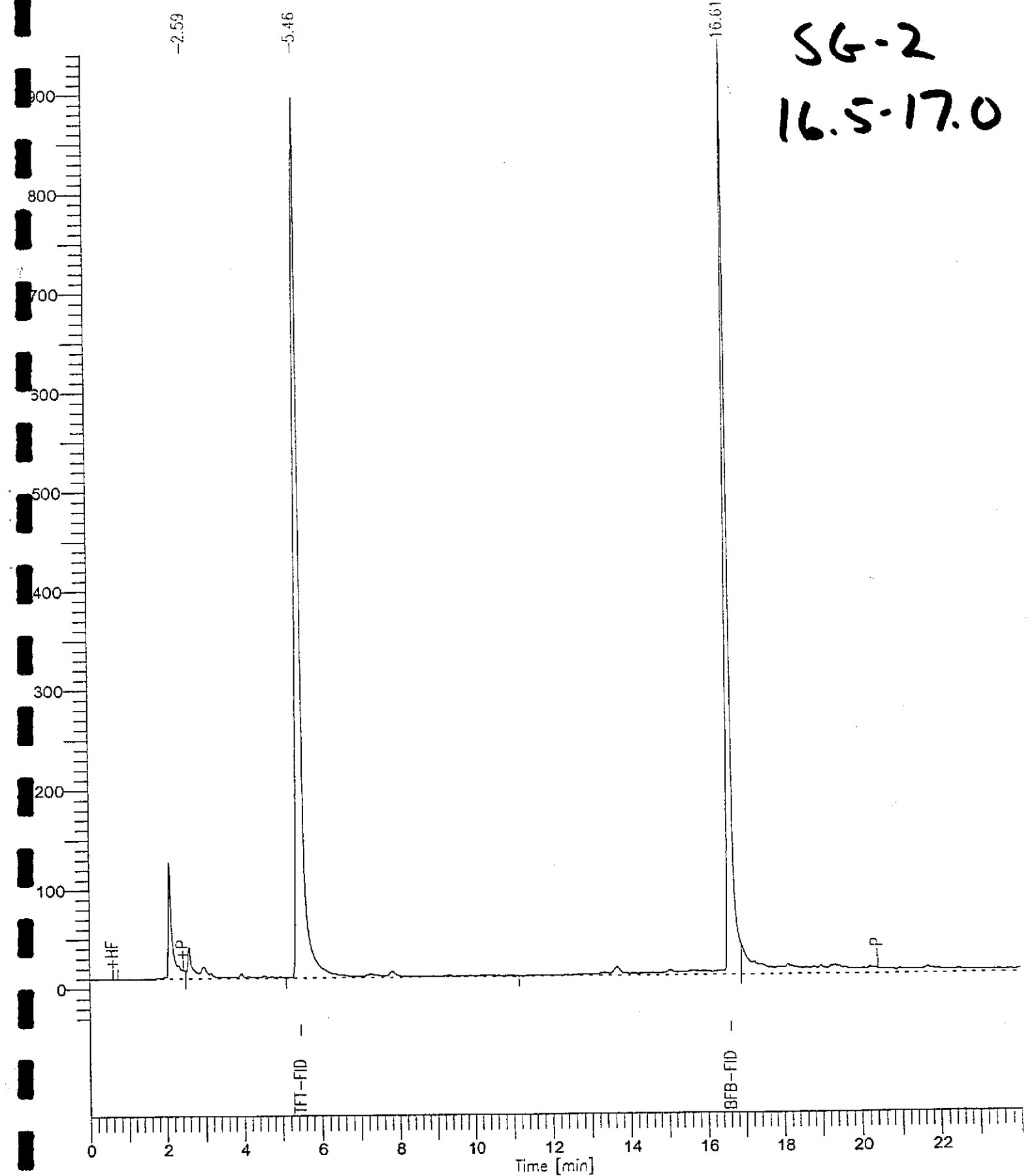


SG-1
16.5-17.0

Gasoline Chromatogram

Sample Name : SA-SO-2003-05-0592-002 => SG-2;16.5-17.0
File Name : H:\200305\DATA\3G052119.raw
File : 3GSD0402
Run Time : 0.00 min
Scale Factor: 1.0

Page 1 of 1
Sample #:
Date : 05/21/2003 18:27
Time of Injection: 05/21/2003 18:03
Low Point : -37.07 mV
High Point : 941.75 mV
End Time : 24.00 min
Plot Offset: -37 mV
Plot Scale: 978.8 mV



SG-2
16.5-17.0

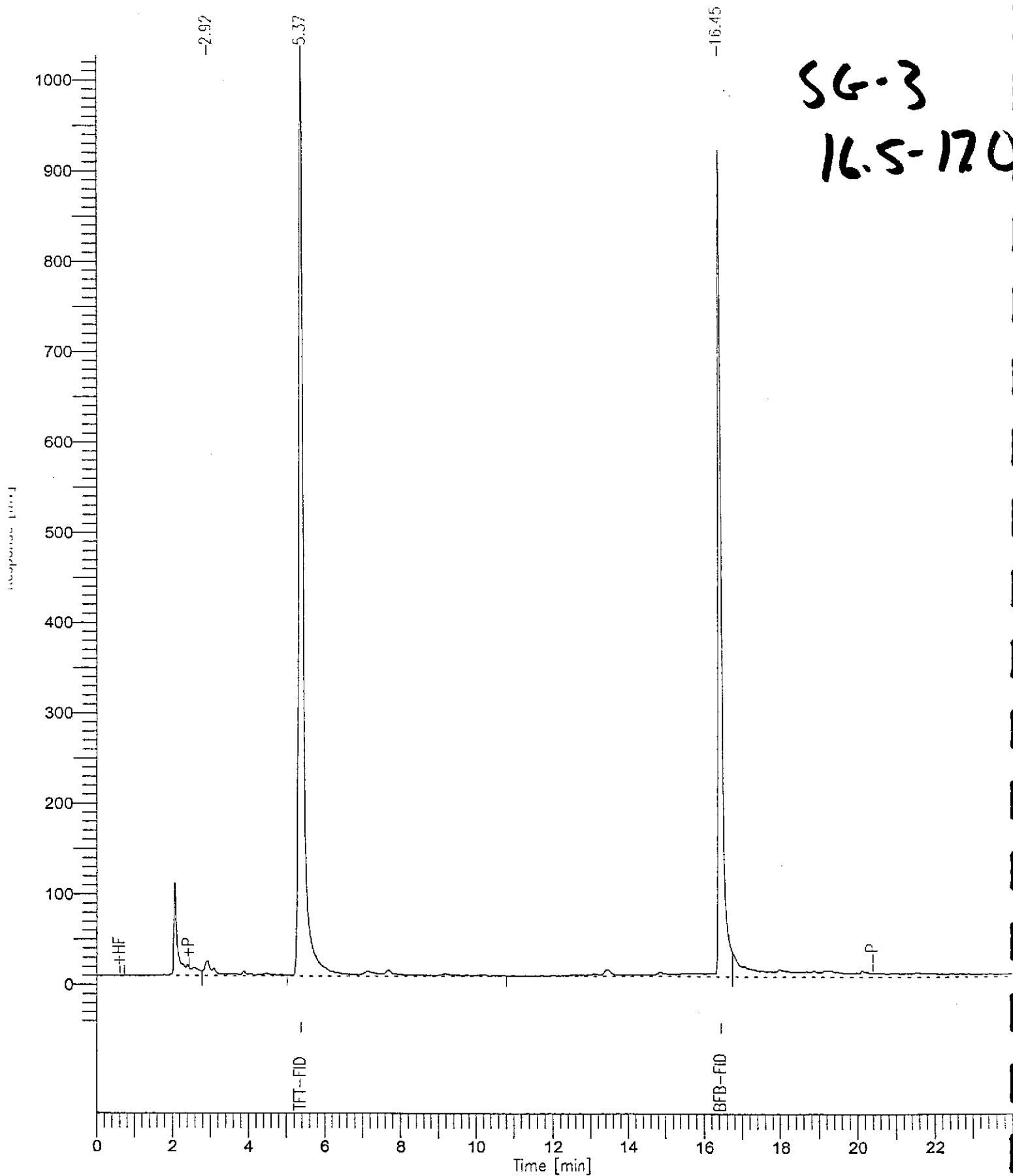
Gasoline Chromatogram

Sample Name : SA-SO-2003-05-0582-003 => SG-3;16.5-17.0
File Name : H:\200305\DATA\3G052120.raw
Method : 3GSD0402
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 24.00 min
Plot Offset : -41 mV

Sample # :
Date : 05/21/2003 18:57
Time of Injection : 05/21/2003 18:33
Low Point : -41.32 mV
Plot Scale : 1069.8 mV
High Point : 1027.46 mV

Page 1 of 1

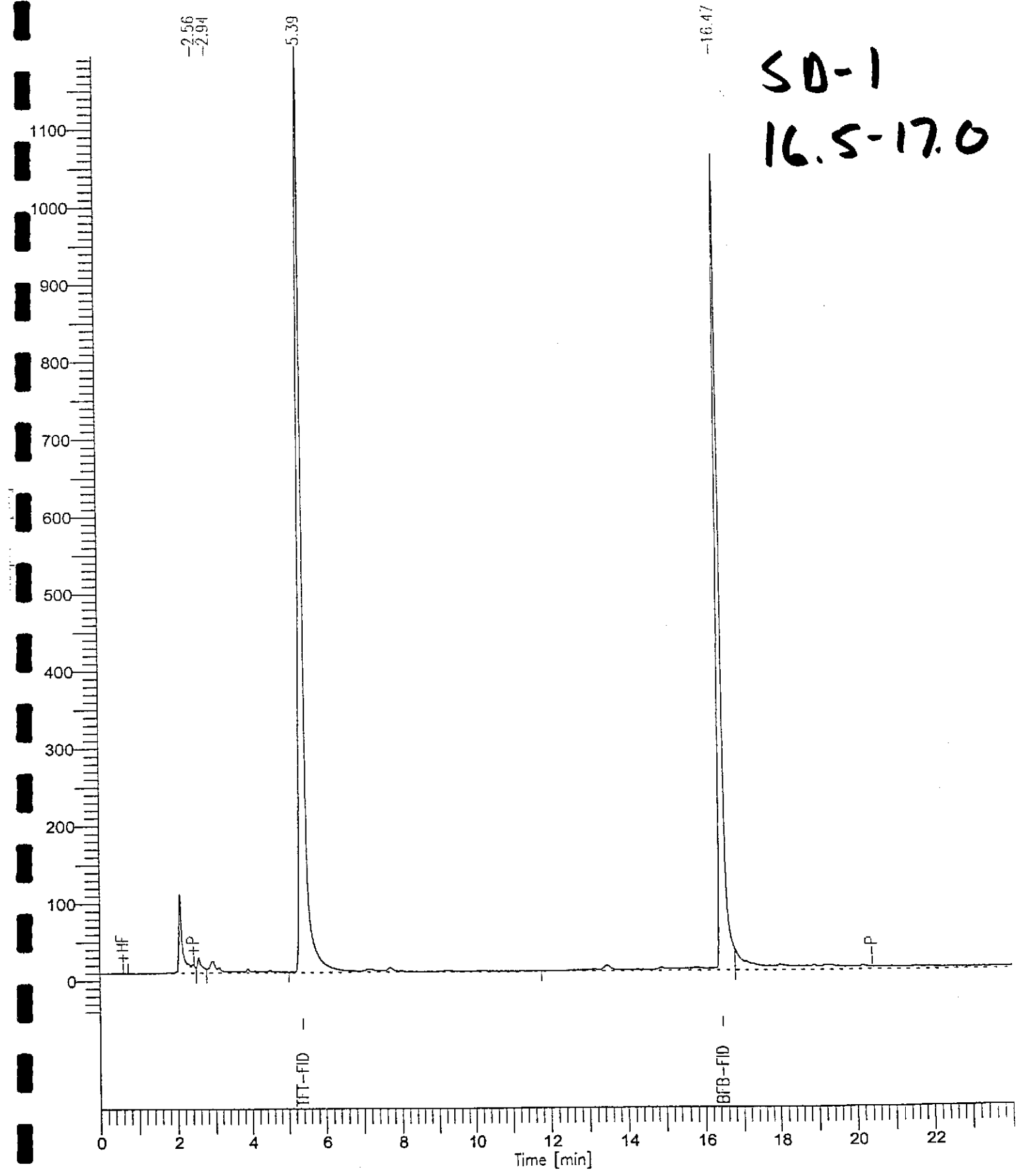


SG-3
16.5-17.0

Gasoline Chromatogram

File Name : SA-SO-2003-05-0582-004 => SD-1;16.5-17.0
Name : H:\200305\DATA\3G052121.raw
Sample : 3GSD0402
Start Time : 0.00 min End Time : 24.00 min
Gain Factor : 1.0 Plot Offset: -50 mV

Sample # :
Date : 05/21/2003 19:27
Time of Injection: 05/21/2003 19:03
Low Point : -49.70 mV High Point : 1195.65 mV
Plot Scale: 1245.4 mV



SD-1
16.5-17.0

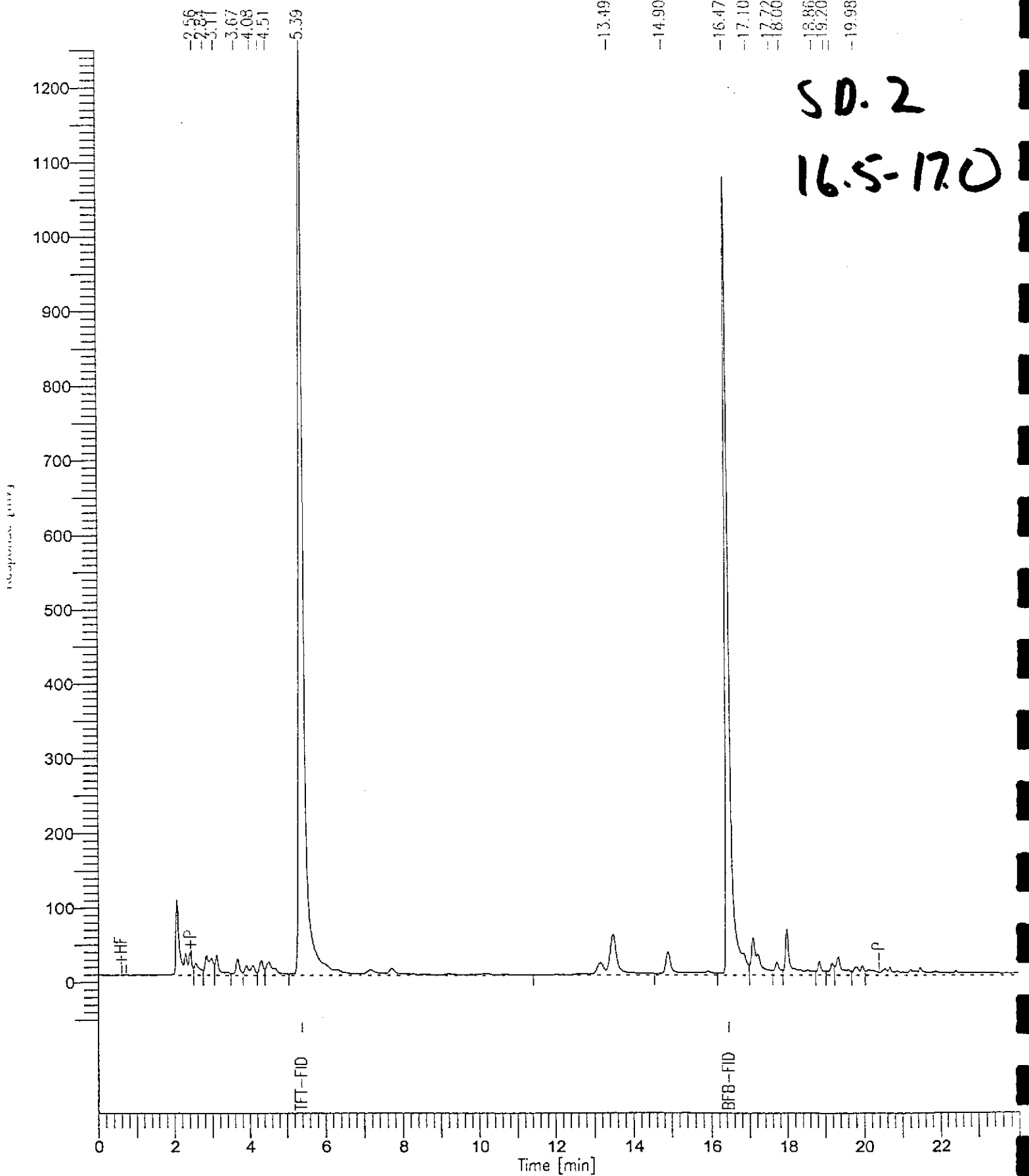
Gasoline Chromatogram

Sample Name : SA-SO-2003-05-0582-005 => SD-2;16.5-17.0
FileName : R:\200305\DATA\3G052122.raw
Method : 3GSD0402
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 24.00 min
Plot Offset : -53 mV

Sample # :
Date : 05/21/2003 19:57
Time of Injection: 05/21/2003 19:33
Low Point : -52.71 mV
Plot Scale: 1303.1 mV
High Point : 1250.34 mV

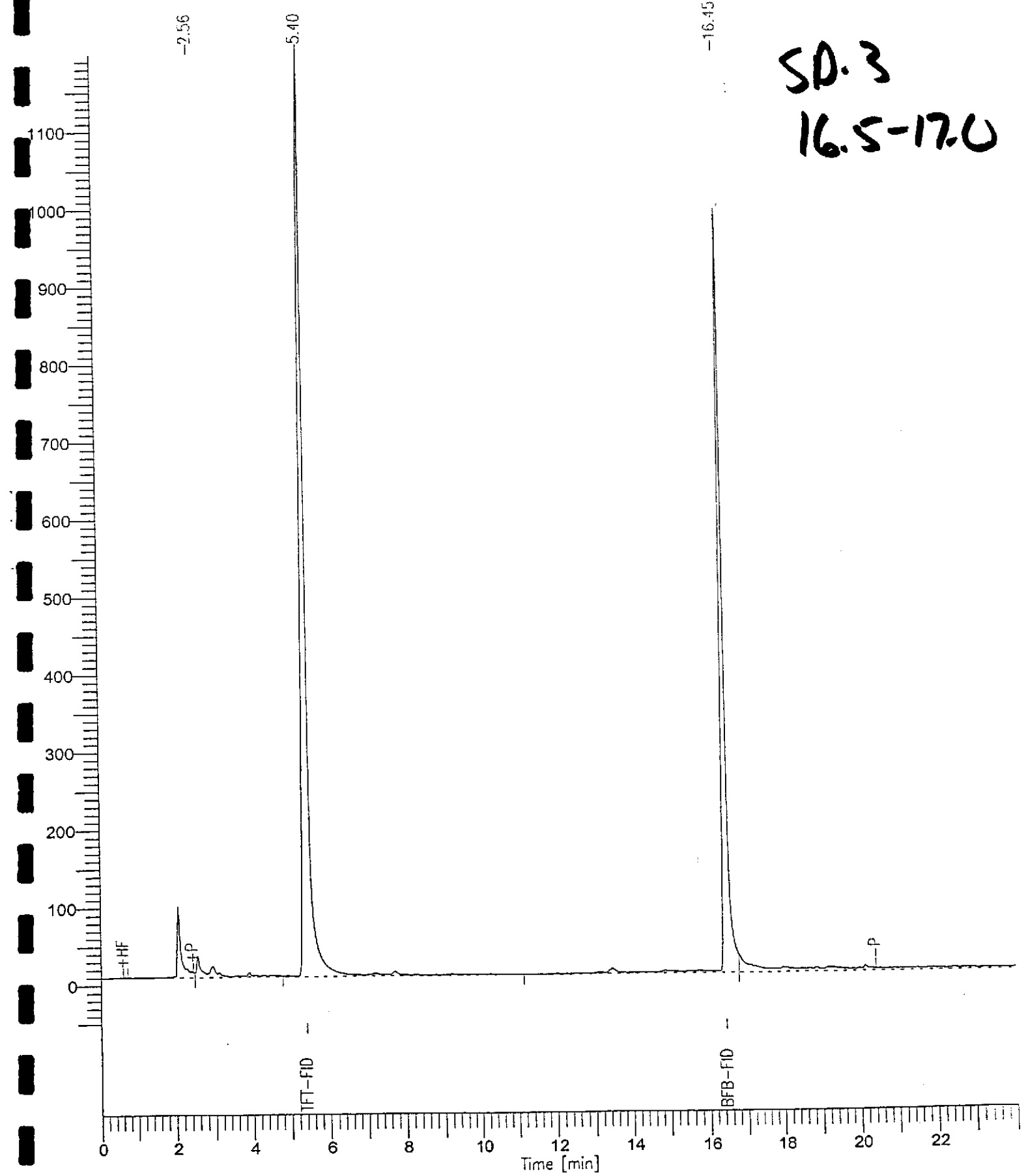
Page 1 of 1



Gasoline Chromatogram

Sample Name : SA-SO-2003-05-0582-006 => SD-3;16.5-17.0
File Name : F:\200305\DATA\3G052123.raw
File : 3GSD0402
Start Time : 0.00 min
Scale Factor : 1.0

Sample # :
Date : 05/21/2003 20:27
Time of Injection: 05/21/2003 20:03
Low Point : -50.02 mV
Plot Scale: 1249.6 mV
End Time : 24.00 min
Plot Offset: -50 mV
High Point : 1199.54 mV



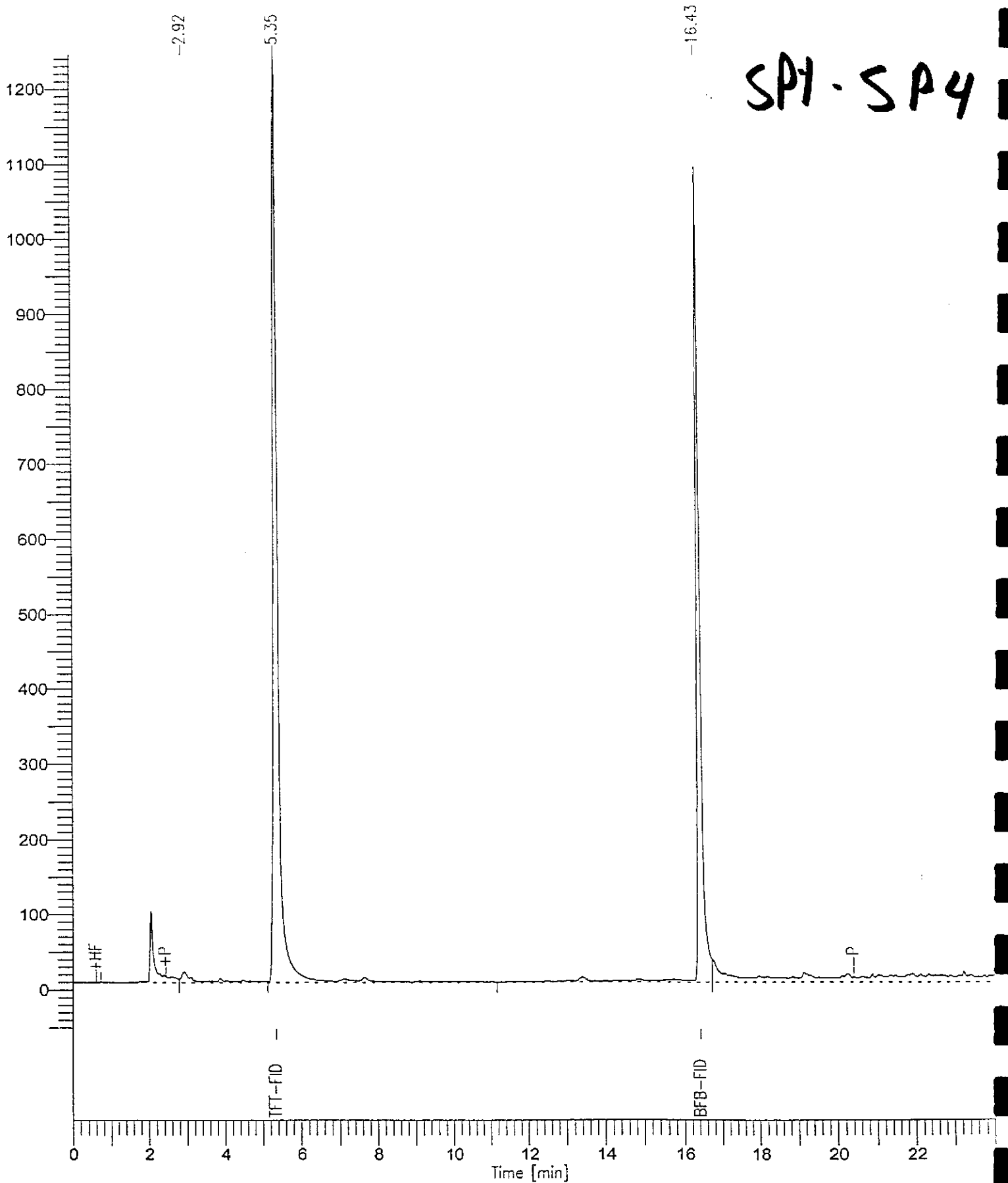
SD.3
16.5-17.0

Gasoline Chromatogram

Sample Name : SA-SO-2003-05-0582-007 => SP-1-SP-4
File Name : H:\200305\DATA\3G052124.raw
Method : 3GSD0402
Start Time : 0.00 min
Sample Factor : 1.0

Sample # :
Date : 05/21/2003 20:57
Time of Injection: 05/21/2003 20:33
Low Point : -52.11 mV
Plot Scale: 1297.2 mV
End Time : 24.00 min
Plot Offset: -52 mV
High Point : 1245.07 mV

Page 1 of 1



Baseline Environmental

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008

Attn.: Bill Howell

Project#: Y3515-00

Project: Hanson Aggregates

Site: 3000 Busch Road, Pleasanton, CA

RECEIVED

May 29, 2003

JUN 03 2003

BASELINE

Attached is our report for your samples received on 05/21/2003 15:30

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 07/05/2003 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Quality Control Checklist
for Review of Laboratory Report

Job No.: Y3515-00
 Laboratory: STL
 Report Date: 5/29/03

Site: Hansen Aggregates - Pleasanton
 Laboratory Report No: 2003-05-0586
 BASELINE Review By: BH

	Yes	No	NA
GENERAL QUESTIONS (Describe "no" responses below in "comments" section. Contact the laboratory, as required, for further explanation or action on "no" responses; document discussion in comments section.)			
1a. Does the report include a case narrative? (A case narrative <i>MUST</i> be prepared by the lab for all analytical work requested by BASELINE)		X	
1b. Is the number of pages for the lab report as indicated on the case narrative/lab transmittal consistent with the number of pages that are included in report?		X	
1c. Does the case narrative indicate which samples were analyzed by a subcontractor and the subcontractor's name?			X
1d. Does the case narrative summarize subsequent requests not shown on the chain-of-custody (e.g., additional analyses requested, release of "hold" samples)?			X
1e. Does the case narrative explain why requested analyses could not be performed by laboratory (e.g., insufficient sample)?			X
1f. Does the case narrative explain all problems with the QA/QC data as identified in the checklist (as applicable)?			X
2a. Is the laboratory report format consistent and legible throughout the report?	X		
2b. Are the sample and reported dates shown in the laboratory report correct?	X		
3a. Does the lab report include the original chain-of-custody form?	X		
3b. Were all samples appropriately analyzed as requested on the chain-of-custody form?	X		
4. Was the lab report signed and dated as being reviewed by the laboratory director, QA manager, or other appropriate personnel? (Some lab reports have signature spaces for each page). (This requirement also applies to any analyses subcontracted out by the laboratory)		X	
5a. Are preparation methods, cleanup methods (if applicable), and laboratory methods indicated for all analyses?	X		
5b. If additional analytes were requested as part of the reporting of the data for an analytical method, were these included in the lab report?			X
6. Are the units in the lab report provided for each analysis consistent throughout the report?	X		
7. Are the detection limits (DL) appropriate based on the intended use of the data? (e.g., DL below applicable MCLs for water quality issues?)	X		
8a. Are detection limits appropriate based on the analysis performed? (i.e., not elevated due to dilution effects)	X		
8b. If no, is an explanation provided by the laboratory?			X

Laboratory Quality Control Checklist

Page 2

	Yes	No	NA
9a. Were the samples analyzed within the appropriate holding time? (generally 2 weeks for volatiles, and up to 6 months for total metals)	X		X
9b. If no, was it flagged in the report?			X
10. If samples were composited prior to analysis, does the lab report indicate which samples were composited for each analysis?			X
11a. Do the chromatograms confirm quantitative laboratory results? (petroleum hydrocarbons)			X
11b. Is a standard chromatogram(s) included in the laboratory report?	X		
11c. Do the chromatograms confirm laboratory notes, if present (e.g., sample exhibits lighter hydrocarbon than standard)			X
12. Are the results consistent with previous analytical results from the site? (If no, contact the lab and request review/reanalysis of data, as appropriate)			X
13a. REVISED LAB REPORTS ONLY. Is the revised lab report or revised pages to a lab report signed and dated as being reviewed by the laboratory director, QA manager, or other appropriate personnel?			X
13b. REVISED LAB REPORTS ONLY. Does the case narrative indicate the date of revision and provide an explanation for the revision?			X
13c. REVISED LAB REPORTS ONLY. Does the revised lab report adequately address the problem(s) which triggered the need for a revision?			X
13d. REVISED LAB REPORTS ONLY. Are the data included in the revised report the same as data reported in the original report, except where the report was revised to correct incorrectly reported data?			X
QA/QC Questions			
Field/Laboratory Quality Control - Groundwater Analyses			
14. Are field blanks reported as "ND"? (groundwater samples) <i>A field blank is a sample of DI water which is prepared in the field using the same collection and handling procedures as the other samples collected, and used to demonstrate that the sampling procedure has not contaminated the sample.</i>			X
15. Are trip blanks reported as "ND"? (groundwater samples/volatile analyses) <i>A trip blank is a sample of contaminant-free matrix placed in an appropriate container by the lab and transported with the field samples collected. Provides information regarding positive interference introduced during sample transport, storage, preservation, and analysis. The sample is NOT opened in the field.</i>			X
16. Are duplicate sample results consistent with the original sample? (groundwater samples) <i>Field duplicates consist of two independent samples collected at the same sampling location during a single sampling event. Used to evaluate precision of the analytical data and sampling technique. (Differences between the duplicate and sample results may also be attributed to environmental variability).</i>			X

Laboratory Quality Control Checklist

	Yes	No	NA
<p>Batch Quality Control (Samples are batched together by matrix [soil, water] and analyses requested. A batch generally consists of 20 or fewer samples of the same matrix type, and is prepared using the same reagents, standards, procedures, and time frame as the samples. QC samples are run with each batch to assess performance of the entire measurement process.)</p>			
17. Do the sample batch numbers and corresponding laboratory QA/QC batch numbers match?	X		
18a. Are method blanks (MB) for the analytical method(s) below the laboratory reporting limits? <i>Used to assess lab contamination and prevent false positive results. MBs should be "ND."</i>	X		
18b. If no, is an explanation provided in the case narrative to validate the data?			X
18c. Are analytes which may be considered laboratory contaminants reported below the laboratory reporting limit? <i>Common lab contaminants include acetone, methylene chloride, diethylhexyl phthalate, and di-n-octyl phthalate.</i>			X
18d. If no, was the laboratory contacted to determine whether reported analyte could be a potential laboratory contaminant and was an explanation included in the case narrative?			X
19. Are laboratory control samples (LCS) and LCS duplicate (LCSD) [a.k.a., Blank Spike (BS) and BS duplicates (BSD)] within laboratory reporting limits? <i>Limits should be provided on the report. LCS is a reagent blank spike with a representative selection of target analyte(s) and prepared in the same manner as the samples analyzed. The LCS should be spiked with the same analytes as the matrix spike (below). The LCS is free from interferences from the sample matrix and demonstrates the ability of the lab instruments to recover the target analytes. Accuracy (recovery information) is generally reported as % spike recovery; precision (reproducibility of results) between the LCS and LCSD is generally reported as the relative percent difference (RPD). LCS/LCSD can be run in addition to or in lieu of, matrix QC data.</i>	X		
20a. Are the Matrix QC data (i.e., MS/MSD) within laboratory limits? <i>Limits should be provided on the lab report. The lab selects a sample from the batch and analyzes a spike and a spike duplicate of that sample. Matrix QC data is used to obtain precision and accuracy information and is reported in the same manner as LCS/LCSD. If the MS/MSD fails, the results may still be considered valid if the MB and either the LCS/LCSD or BS/BSD is within the lab's limits (failure is probably due to matrix interference).</i>			X
20b. If no, is the MB and either LCS/LCSD or BS/BSD within lab limits to validate the data?			X

Laboratory Quality Control Checklist

Page 4

	Yes	No	NA
Sample Quality Control			
21a. Are the surrogate spikes reported within the lab's acceptable recovery limits? A surrogate is a non-target analyte, which is similar in chemical structure to the analyte(s) being analyzed for, and which is not commonly found in environmental samples. A known concentration of the surrogate is spike into the sample or QA "sample" prior to extraction or sample preparation. Results are usually reported as % recovery of the spike. Failure to meet lab's limits for primary and secondary surrogates results in rebatching and reanalysis of the sample; failure of only the primary or the secondary surrogate may be acceptable under certain circumstances. Failure generally is due to coelution with the sample matrix.			X
21b. If no, is an explanation given in the case narrative to validate the data?			X

Comments:

1a: NOT provided 1b: NOT provided / NOT applicable
 4 NOT provided
 11c - NOT clear if chromatograms indicate lighter than standard signature

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
Dg-1; 1.0-1.5	05/20/2003 12:00	Soil	1

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Prep(s): 5035 Test(s): 8260B
Sample ID: Dg-1; 1.0-1.5 Lab ID: 2003-05-0586 - 1
Sampled: 05/20/2003 12:00 Extracted: 5/28/2003 12:51
Matrix: Soil QC Batch#: 2003/05/28-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Acetone	ND	50	ug/Kg	1.00	05/28/2003 12:51	
Benzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Bromochloromethane	ND	20	ug/Kg	1.00	05/28/2003 12:51	
Bromoform	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Bromomethane	ND	10	ug/Kg	1.00	05/28/2003 12:51	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/28/2003 12:51	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Chloroethane	ND	10	ug/Kg	1.00	05/28/2003 12:51	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/28/2003 12:51	
Chloroform	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Chloromethane	ND	10	ug/Kg	1.00	05/28/2003 12:51	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/28/2003 12:51	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/28/2003 12:51	

Sewern Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/29/2003 15:51

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

 5900 Hollis Street, Suite D
 Emeryville, CA 94608-2008
 Phone: (510) 420-8686 Fax: (510) 420-1707

 Project: Y3515-00
 Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Prep(s): 5035	Test(s): 8260B
Sample ID: Dg-1; 1.0-1.5	Lab ID: 2003-05-0586 - 1
Sampled: 05/20/2003 12:00	Extracted: 5/28/2003 12:51
Matrix: Soil	QC Batch#: 2003/05/28-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/28/2003 12:51	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/28/2003 12:51	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
2-Hexanone	ND	50	ug/Kg	1.00	05/28/2003 12:51	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Methylene chloride	ND	10	ug/Kg	1.00	05/28/2003 12:51	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/28/2003 12:51	
Naphthalene	ND	10	ug/Kg	1.00	05/28/2003 12:51	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Styrene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Toluene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	

Severn Trent Laboratories, Inc.

 STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
 Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/29/2003 15:51

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Prep(s): 5035	Test(s): 8260B
Sample ID: Dg-1; 1.0-1.5	Lab ID: 2003-05-0586 - 1
Sampled: 05/20/2003 12:00	Extracted: 5/28/2003 12:51
Matrix: Soil	QC Batch#: 2003/05/28-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Vinyl acetate	ND	50	ug/Kg	1.00	05/28/2003 12:51	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Total xylenes	ND	5.0	ug/Kg	1.00	05/28/2003 12:51	
Surrogates(s)						
4-Bromofluorobenzene	97.1	74-121	%	1.00	05/28/2003 12:51	
1,2-Dichloroethane-d4	99.1	70-121	%	1.00	05/28/2003 12:51	
Toluene-d8	98.7	81-117	%	1.00	05/28/2003 12:51	

Severn Trent Laboratories, Inc.

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/29/2003 15:51

Page 4 of 8

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

 5900 Hollis Street, Suite D
 Emeryville, CA 94608-2008
 Phone: (510) 420-8686 Fax: (510) 420-1707

 Project: Y3515-00
 Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5035

Method Blank

MB: 2003/05/28-01.09-004

Soil

Test(s): 8260B

QC Batch # 2003/05/28-01.09

Date Extracted: 05/28/2003 11:04

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	05/28/2003 11:04	
Acetone	ND	50	ug/Kg	05/28/2003 11:04	
Benzene	ND	5.0	ug/Kg	05/28/2003 11:04	
Bromodichloromethane	ND	5.0	ug/Kg	05/28/2003 11:04	
Bromobenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
Bromochloromethane	ND	20	ug/Kg	05/28/2003 11:04	
Bromoform	ND	5.0	ug/Kg	05/28/2003 11:04	
Bromomethane	ND	10	ug/Kg	05/28/2003 11:04	
2-Butanone(MEK)	ND	50	ug/Kg	05/28/2003 11:04	
n-Butylbenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
sec-Butylbenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
tert-Butylbenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
Carbon disulfide	ND	5.0	ug/Kg	05/28/2003 11:04	
Carbon tetrachloride	ND	5.0	ug/Kg	05/28/2003 11:04	
Chlorobenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
Chloroethane	ND	10	ug/Kg	05/28/2003 11:04	
2-Chloroethylvinyl ether	ND	50	ug/Kg	05/28/2003 11:04	
Chloroform	ND	5.0	ug/Kg	05/28/2003 11:04	
Chloromethane	ND	10	ug/Kg	05/28/2003 11:04	
2-Chlorotoluene	ND	5.0	ug/Kg	05/28/2003 11:04	
4-Chlorotoluene	ND	5.0	ug/Kg	05/28/2003 11:04	
Dibromochloromethane	ND	5.0	ug/Kg	05/28/2003 11:04	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,3-Dichloropropane	ND	5.0	ug/Kg	05/28/2003 11:04	
2,2-Dichloropropane	ND	5.0	ug/Kg	05/28/2003 11:04	
1,1-Dichloropropene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	05/28/2003 11:04	

Severn Trent Laboratories, Inc.

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/29/2003 15:51

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

 5900 Hollis Street, Suite D
 Emeryville, CA 94608-2008
 Phone: (510) 420-8686 Fax: (510) 420-1707

 Project: Y3515-00
 Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5035

Method Blank

MB: 2003/05/28-01.09-004

Soil

Test(s): 8260B

QC Batch # 2003/05/28-01.09

Date Extracted: 05/28/2003 11:04

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	05/28/2003 11:04	
Dibromomethane	ND	10	ug/Kg	05/28/2003 11:04	
Dichlorodifluoromethane	ND	10	ug/Kg	05/28/2003 11:04	
1,1-Dichloroethane	ND	5.0	ug/Kg	05/28/2003 11:04	
1,2-Dichloroethane	ND	5.0	ug/Kg	05/28/2003 11:04	
1,1-Dichloroethene	ND	5.0	ug/Kg	05/28/2003 11:04	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/28/2003 11:04	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,2-Dichloropropane	ND	5.0	ug/Kg	05/28/2003 11:04	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/28/2003 11:04	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/28/2003 11:04	
Ethylbenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
Hexachlorobutadiene	ND	5.0	ug/Kg	05/28/2003 11:04	
2-Hexanone	ND	50	ug/Kg	05/28/2003 11:04	
Isopropylbenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
p-Isopropyltoluene	ND	5.0	ug/Kg	05/28/2003 11:04	
Methylene chloride	ND	10	ug/Kg	05/28/2003 11:04	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	05/28/2003 11:04	
Naphthalene	ND	10	ug/Kg	05/28/2003 11:04	
n-Propylbenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
Styrene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/28/2003 11:04	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/28/2003 11:04	
Tetrachloroethene	ND	5.0	ug/Kg	05/28/2003 11:04	
Toluene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/28/2003 11:04	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/28/2003 11:04	

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05/29/2003 15:51

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Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5035
Method Blank

Soil

Test(s): 8260B
QC Batch # 2003/05/28-01.09

MB: 2003/05/28-01.09-004

Date Extracted: 05/28/2003 11:04

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	05/28/2003 11:04	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/28/2003 11:04	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/28/2003 11:04	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/28/2003 11:04	
Vinyl acetate	ND	50	ug/Kg	05/28/2003 11:04	
Vinyl chloride	ND	5.0	ug/Kg	05/28/2003 11:04	
Total xylenes	ND	5.0	ug/Kg	05/28/2003 11:04	
Surrogates(s)					
4-Bromofluorobenzene	95.3	74-121	%	05/28/2003 11:04	
1,2-Dichloroethane-d4	104.4	70-121	%	05/28/2003 11:04	
Toluene-d8	93.7	81-117	%	05/28/2003 11:04	

Volatile Organic Compounds by 8260B (Low Level)

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2003/05/28-01.09

LCS 2003/05/28-01.09-002

Extracted: 05/28/2003

Analyzed: 05/28/2003 10:03

LCSD 2003/05/28-01.09-003

Extracted: 05/28/2003

Analyzed: 05/28/2003 10:37

Compound	Conc. ug/Kg		Exp. Conc.	Recovery		RPD	Ctrl. Limits %			Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Benzene	99.1	96.8	100.0	99.1	96.8	2.3	69-129	20			
Chlorobenzene	111	102	100.0	111.0	102.0	8.5	61-121	20			
1,1-Dichloroethene	97.0	101	100.0	97.0	101.0	4.0	65-125	20			
Toluene	100	98.0	100.0	100.0	98.0	2.0	70-130	20			
Trichloroethene	91.8	91.4	100.0	91.8	91.4	0.4	74-134	20			
Surrogates(s)											
4-Bromofluorobenzene	546	485	500	109.2	97.0		74-121				
1,2-Dichloroethane-d4	502	532	500	100.4	106.4		70-121				
Toluene-d8	497	485	500	99.4	97.0		81-117				

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05/29/2003 15:51

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Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
Dg-1; 1.0-1.5	05/20/2003 12:00	Soil	1
Dd-1; 1.0-1.5	05/20/2003 10:30	Soil	2
EX-1	05/21/2003 13:50	Soil	3

Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Prep(s): 5035	Test(s): 8015M
Sample ID: Dd-1; 1.0-1.5	Lab ID: 2003-05-0586 - 2
Sampled: 05/20/2003 10:30	Extracted: 5/23/2003 12:11
Matrix: Soil	QC Batch#: 2003/05/23-01.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/23/2003 12:11	
<i>Surrogates(s)</i>						
4-Bromofluorobenzene-FID	83.6	58-124	%	1.00	05/23/2003 12:11	

Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Prep(s): 5035	Test(s): 8015M
Sample ID: EX-1	Lab ID: 2003-05-0586 - 3
Sampled: 05/21/2003 13:50	Extracted: 5/27/2003 11:07
Matrix: Soil	QC Batch#: 2003/05/27-01.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/27/2003 11:07	
<i>Surrogates(s)</i>						
4-Bromofluorobenzene-FID	92.1	58-124	%	1.00	05/27/2003 11:07	

Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5035

Method Blank

MB: 2003/05/23-01.03-006

Soil

Test(s): 8015M

QC Batch # 2003/05/23-01.03

Date Extracted: 05/23/2003 11:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	05/23/2003 11:01	
<i>Surrogates(s)</i>					
4-Bromofluorobenzene-FID	94.5	58-124	%	05/23/2003 11:01	

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Gasoline

Baseline Environmental

Attn.: Bill Howell

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Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5030

Method Blank

MB: 2003/05/27-01.03-004

Soil

Test(s): 8015M

QC Batch # 2003/05/27-01.03

Date Extracted: 05/27/2003 09:19

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	05/27/2003 09:19	
<i>Surrogates(s)</i> 4-Bromofluorobenzene-FID	95.6	58-124	%	05/27/2003 09:19	

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Gasoline

Baseline Environmental

Attn.: Bill Howell

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Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5035

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/05/23-01.03

LCS 2003/05/23-01.03-004

Extracted: 05/23/2003

Analyzed: 05/23/2003 10:01

LCSD 2003/05/23-01.03-005

Extracted: 05/23/2003

Analyzed: 05/23/2003 10:30

Compound	Conc. mg/Kg		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.497	0.496	0.500	99.4	99.2	0.2	75-125	35		
<i>Surrogates(s)</i> 4-Bromofluorobenzene-FID	403	401	500	80.6	80.2		58-124			

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Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
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Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/05/27-01.03

LCS 2003/05/27-01.03-005

Extracted: 05/27/2003

Analyzed: 05/27/2003 09:49

LCSD 2003/05/27-01.03-006

Extracted: 05/27/2003

Analyzed: 05/27/2003 10:19

Compound	Conc. mg/Kg		Exp. Conc.	Recovery		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Gasoline	0.502	0.437	0.500	100.4	87.4	13.8	75-125	35		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	402	345	500	80.4	69.0		58-124			

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Gasoline

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 5035

Test(s): 8015M

Matrix Spike (MS / MSD)

Soil

QC Batch # 2003/05/23-01.03

Dg-1; 1.0-1.5 >> MS

Lab ID: 2003-05-0586 - 001

MS: 2003/05/23-01.03-010

Extracted: 05/23/2003

Analyzed: 05/23/2003 13:11

Dilution: 1.00

MSD: 2003/05/23-01.03-011

Extracted: 05/23/2003

Analyzed: 05/23/2003 13:41

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Gasoline	0.432	0.421	ND	0.452	95.6	93.8	1.9	65-135	35		
<i>Surrogate(s)</i>											
4-Bromofluorobenzene-FID	414	388		500	82.8	77.6		58-124			

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05/28/2003 10:51

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Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
Dg-1; 1.0-1.5	05/20/2003 12:00	Soil	1
Dd-1; 1.0-1.5	05/20/2003 10:30	Soil	2
EX-1	05/21/2003 13:50	Soil	3

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: Dg-1; 1.0-1.5	Lab ID: 2003-05-0586 - 1
Sampled: 05/20/2003 12:00	Extracted: 5/23/2003 10:06
Matrix: Soil	QC Batch#: 2003/05/23-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/28/2003 00:01	
<i>Surrogates(s)</i> o-Terphenyl	81.0	60-130	%	1.00	05/28/2003 00:01	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: Dd-1; 1.0-1.5	Lab ID: 2003-05-0586 - 2
Sampled: 05/20/2003 10:30	Extracted: 5/23/2003 10:06
Matrix: Soil	QC Batch#: 2003/05/23-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	210	1.0	mg/Kg	1.00	05/27/2003 18:26	ndp
<i>Surrogates(s)</i> o-Terphenyl	94.5	60-130	%	1.00	05/27/2003 18:26	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EX-1 Lab ID: 2003-05-0586 - 3
Sampled: 05/21/2003 13:50 Extracted: 5/23/2003 10:06
Matrix: Soil QC Batch#: 2003/05/23-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	10	1.0	mg/Kg	1.00	05/28/2003 03:14	ndp
<i>Surrogates(s)</i> o-Terphenyl	108.6	60-130	%	1.00	05/28/2003 03:14	

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 3550/8015M

Method Blank

MB: 2003/05/23-03.10-001

Soil

Test(s): 8015M

QC Batch # 2003/05/23-03.10

Date Extracted: 05/23/2003 10:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	05/28/2003 01:18	
<i>Surrogates(s)</i> o-Terphenyl	95.6	60-130	%	05/28/2003 01:18	

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05/29/2003 15:13

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/05/23-03.10

LCS 2003/05/23-03.10-002

Extracted: 05/23/2003

Analyzed: 05/28/2003 00:01

LCSD 2003/05/23-03.10-003

Extracted: 05/23/2003

Analyzed: 05/28/2003 00:40

Compound	Conc. mg/Kg		Exp. Conc.	Recovery		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	32.3	30.7	41.6	77.6	73.8	5.0	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	19.0	20.3	20.0	94.8	101.3		60-130	0		

Severn Trent Laboratories, Inc.

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05/29/2003 15:13

Page 6 of 7

Diesel with Silica Gel Clean-up

Baseline Environmental

Attn.: Bill Howell

5900 Hollis Street, Suite D
Emeryville, CA 94608-2008
Phone: (510) 420-8686 Fax: (510) 420-1707

Project: Y3515-00
Hanson Aggregates

Received: 05/21/2003 15:30

Site: 3000 Busch Road, Pleasanton, CA

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/29/2003 15:13

STL San Francisco

Sample Receipt Checklist

Submission #: 2003- 05 - 0586

Checklist completed by: (initials) DSH Date: 05/21/03

Courier name: STL San Francisco Client _____

Custody seals intact on shipping container/samples Yes ___ No ___ Not Present

Chain of custody present? Yes No ___

Chain of custody signed when relinquished and received? Yes No ___

Chain of custody agrees with sample labels? Yes No ___

Samples in proper container/bottle? Yes No ___

Sample containers intact? Yes No ___

Sufficient sample volume for indicated test? Yes No ___

All samples received within holding time? Yes No ___

Container/Temp Blank temperature in compliance (4° C ± 2)? Temp: 6.0 °C Yes No ___

Water - VOA vials have zero headspace? No VOA vials submitted Yes ___ No ___

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? Yes No soils

pH adjusted- Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ____/____/03

Client contacted: Yes No

Summary of discussion: _____

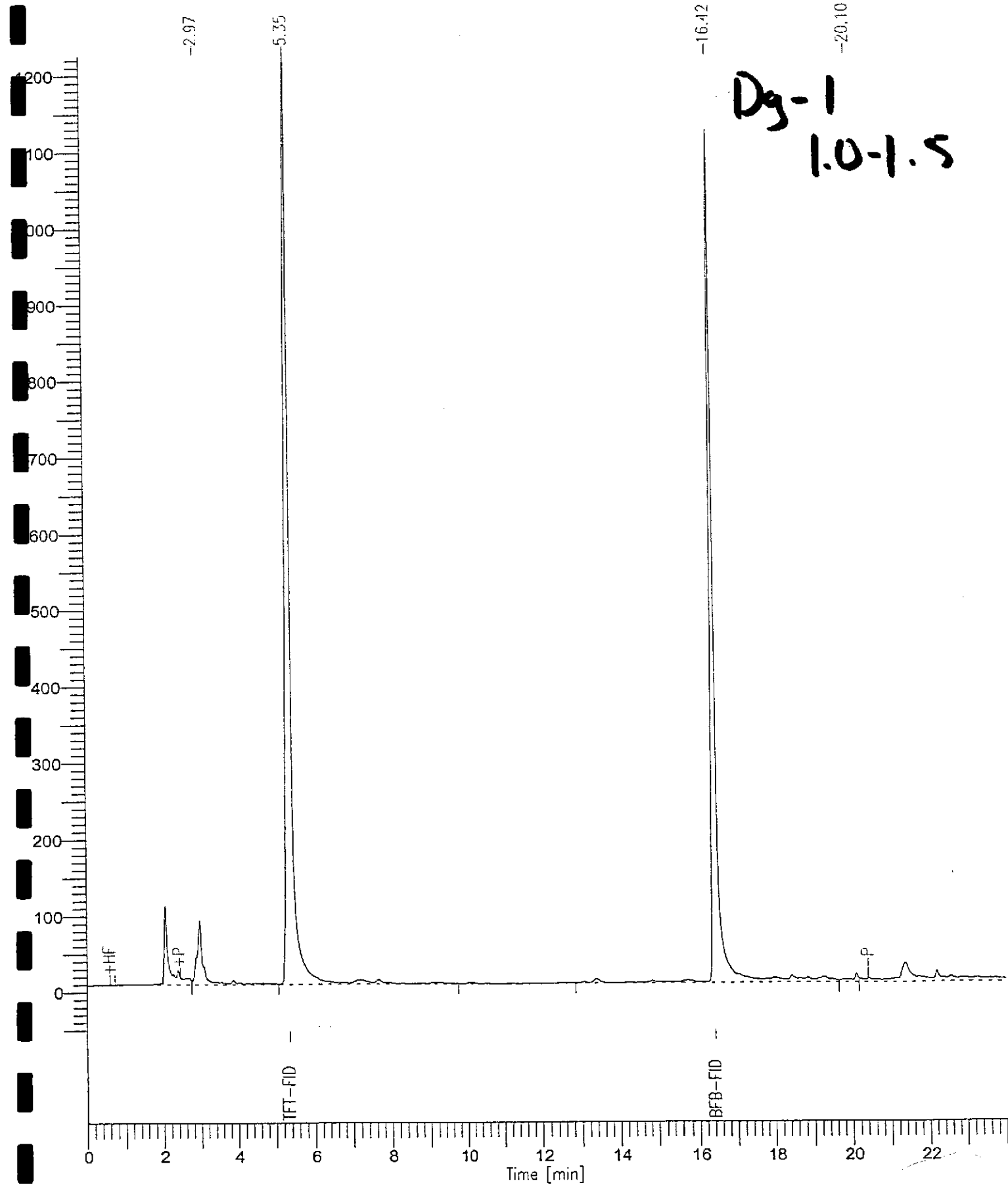
Corrective Action (per PM/Client): _____

Gasoline Chromatogram

File Name : SA-SO-2003-05-0535-001 => Dg-1; 1.0-1.5
File Name : H:\200305\DATA\3G052307.raw
Sample ID : 3GSD0402
Injection Time : 0.00 min
Injection Volume Factor : 1.0

Sample # :
Date : 5/23/03 12:17
Time of Injection : 5/23/03 11:41
Low Point : -51.60 mV
Plot Scale : 1277.7 mV

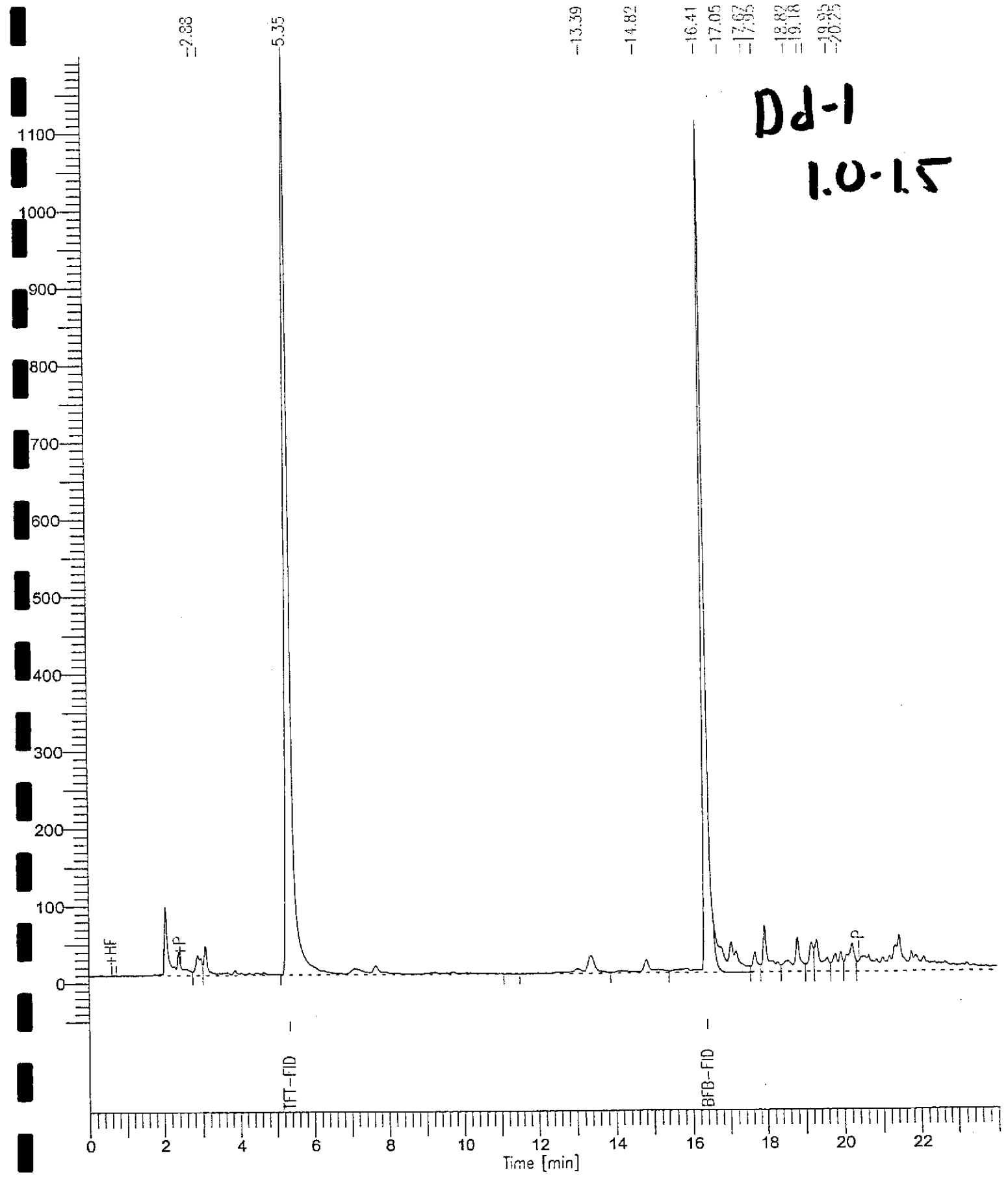
Page 1 of 1
High Point : 1226.05 mV



Gasoline Chromatogram

Sample Name : SA-SO-2003-05-0586-002 => Dd-1; 1.0-1.5
File Name : H:\200305\DATA\3G052308.raw
Sample ID : 3GSE0402
Injection Time : 0.00 min
End Time : 24.00 min
Plot Offset: -50 mV

Sample #:
Date : 05/23/2003 12:35
Time of Injection: 05/23/2003 12:11
Low Point : -50.12 mV
High Point : 1199.13 mV
Plot Scale: 1249.3 mV



Gasoline Chromatogram

Sample Name : SA-SQ-2003-05-0566-003 => EX-1

Sample #:

Page 1 of 1

File Path : H:\200305\DATA\3G052707.raw

Date : 05/27/2003 11:32

Sample ID : 3GSD0402

Time of Injection: 05/27/2003 11:07

Time : 0.00 min

End Time : 24.00 min

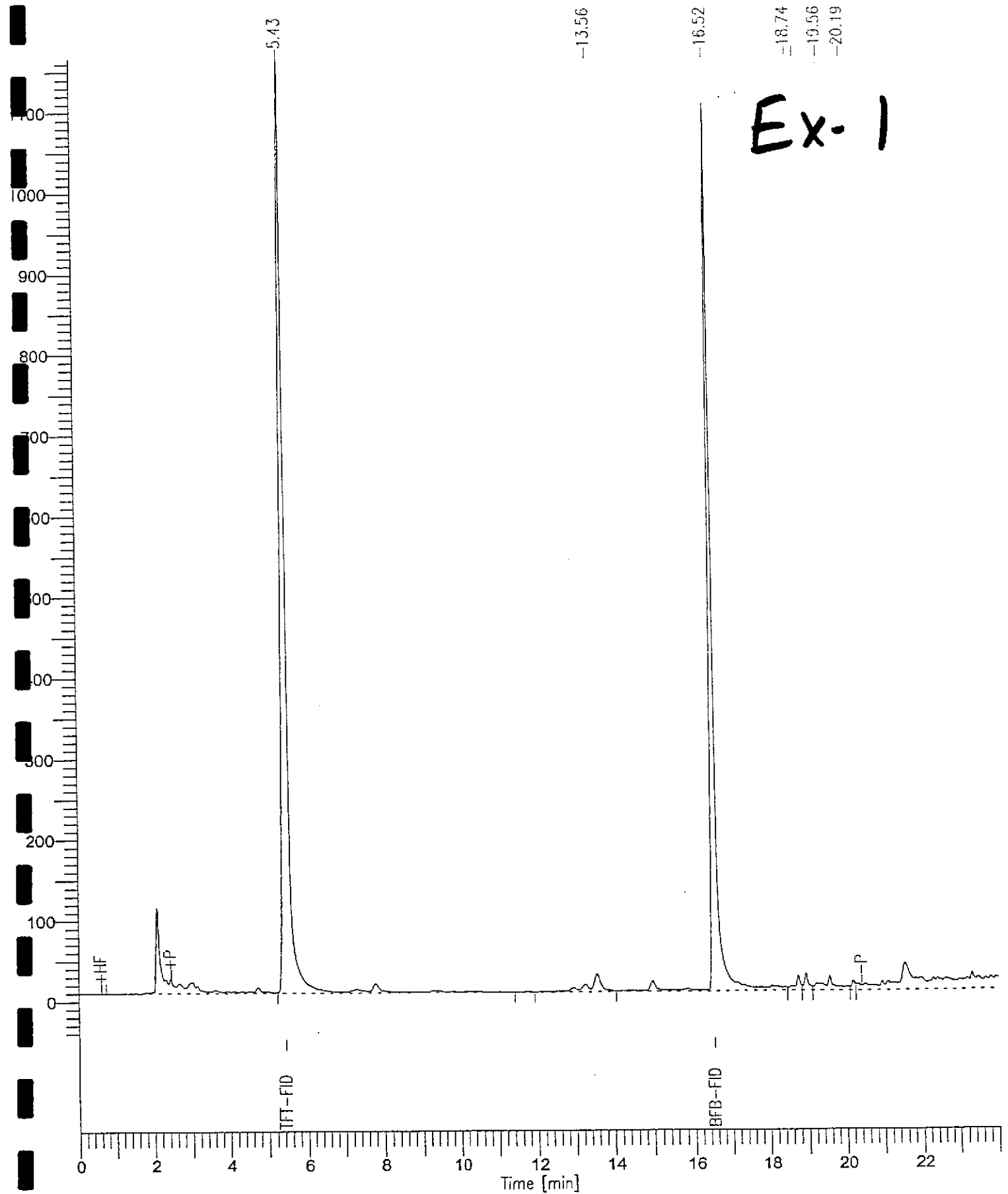
Low Point : -48.24 mV

High Point : 1155.74 mV

Factor: 1.0

Plot Offset: -48 mV

Plot Scale: 1214.0 mV



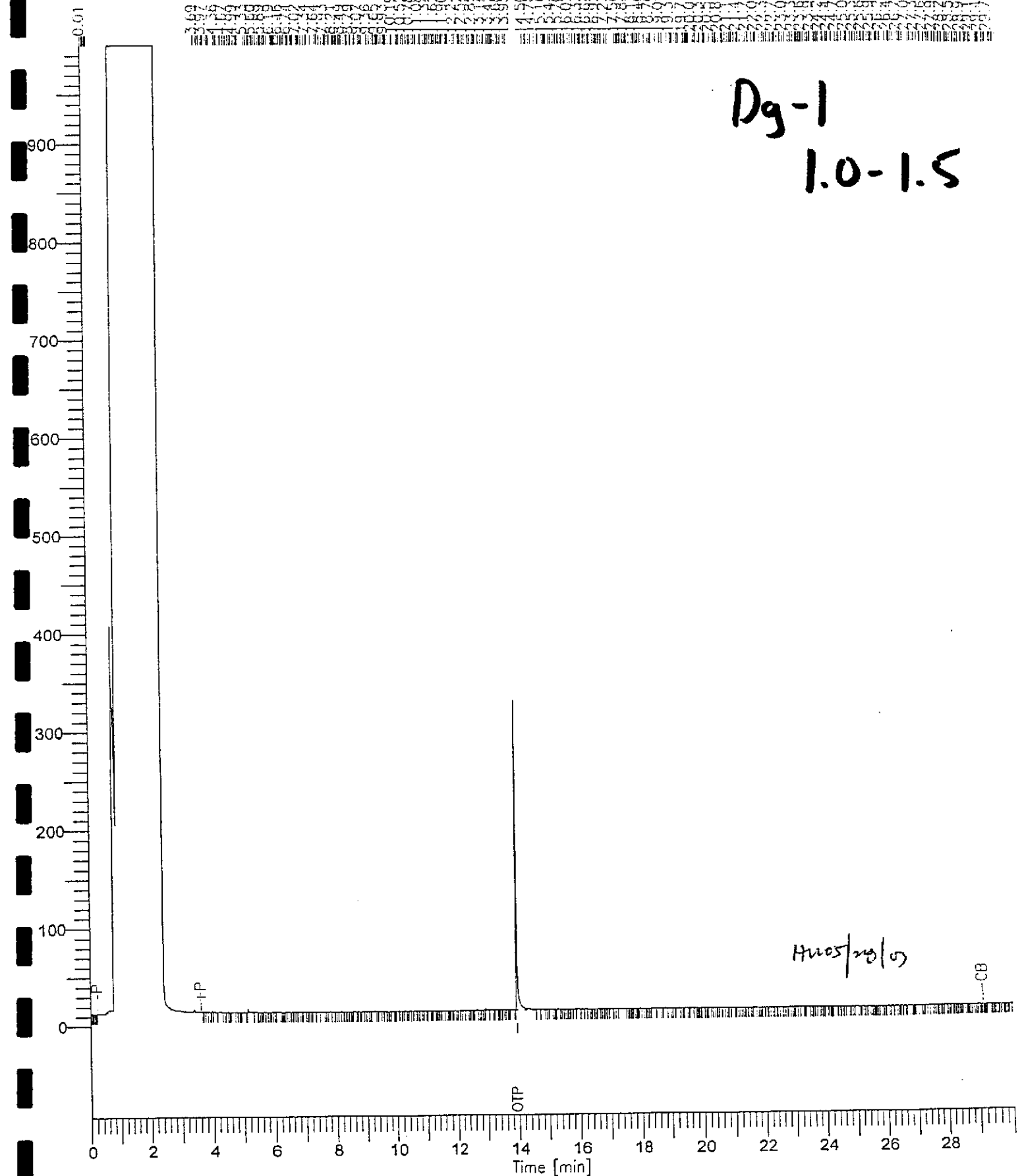
Chromatogram

File Name : 050586-001.sg
Date : 05/23/2003 00:32
Time : 3:29:04.24
End Time : 30.00 min
Plot Offset: 0 mV

Sample #: 052303.10
Date : 05/23/2003 00:32
Time of Injection: 05/23/2003 00:01
Low Point : 0.00 mV
High Point : 1000.00 mV
Plot Scale: 1000.0 mV

050586-001.sg 052303.10 05/23/2003 00:01 1000.00 mV 0.00 mV 1000.00 mV 1000.0 mV

Dg-1
1.0-1.5



Chromatogram

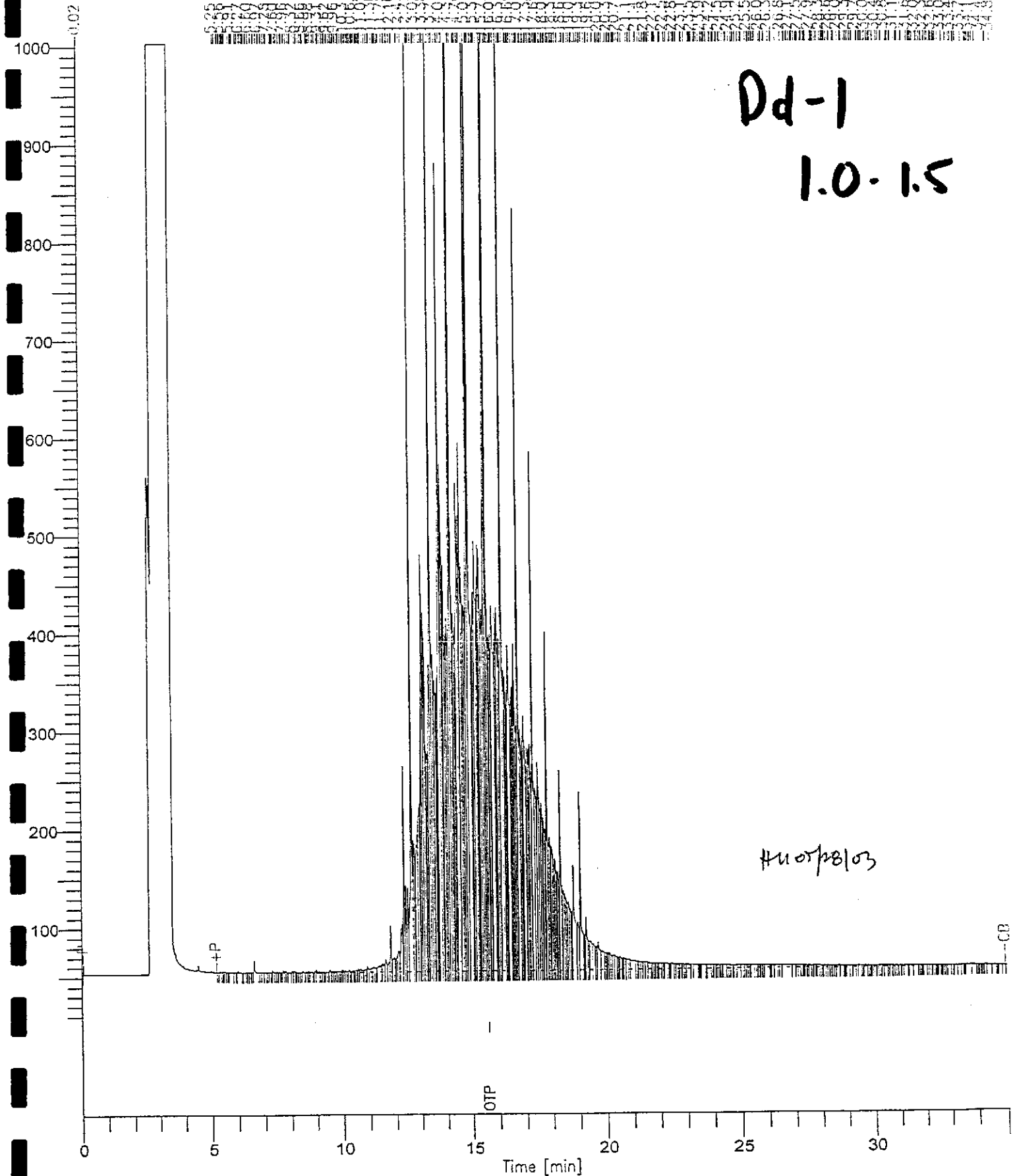
File Name : 050386-002sg
Name : N:\200305\DATA\2527015.raw
Time : 17PH0503
Time : 0.00 min
Gain Factor: -1.0

End Time : 35.00 min
Plot Offset: 3 mV

Sample #: 052333.10
Date : 05/27/2003 19:01
Time of Injection: 05/27/2003 18:26
Low Point : 2.87 mV
High Point : 1002.87 mV
Plot Scale: 1000.0 mV

Page 1 of 1

NO CONSTITUENT IDENTIFIED IN THIS SAMPLE AT ANY OF THE MONITORED TIMES. THE SAMPLE IS BEING IDENTIFIED AS A FLUOROPOLYMER. THE SAMPLE IS BEING IDENTIFIED AS A FLUOROPOLYMER. THE SAMPLE IS BEING IDENTIFIED AS A FLUOROPOLYMER.



Dd-1
1.0-1.5

fluoropol

TP

OTP

CP

Time [min]

Chromatogram

File Name : 050586-003
File : C:\200308\DATA\3527043.raw
Sample : 3T8H0424
Time : 0.00 min
Gain Factor: 0.0

Sample #: 052303.10
Date : 05/23/2003 03:44
Time of Injection: 05/23/2003 03:14
Low Point : 0.00 mV
High Point : 1000.00 mV
Plot Scale: 1000.0 mV

4.21
4.99
5.69
6.69
7.69
8.69
9.69
10.69
11.69
12.69
13.69
14.69
15.69
16.69
17.69
18.69
19.69
20.69
21.69
22.69
23.69
24.69
25.69
26.69
27.69
28.69

Ex-1

