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STAGE 1 & 2 WORKPLANS

DATE: May 2005





STAGE 1 AND STAGE 2 ABATEMENT PLAN (REVISED)

FOR THE

HUGH GATHERING 090402 Ref. # 2002-10235

Unit Letter-M (SW¼ of the SW¼) of Section 12 Latitude: 32°29'11.080"N/Longitude: 103°07'29.637"W and

Unit Letter-P (SE¼ of the SE¼) of Section 11 Latitude: 32°29'11.007"N/Longitude: 103°07'33.864"W,

Township 21 South and Range 37 East

~3 miles northeast of Eunice, Lea County, New Mexico

MAY 2005

PREPARED BY

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STANDARD OF CARE

Stage 1 and Stage 2 Abatement Plan (Revised)

Hugh Gathering 090402 Ref. # 2002-10235

The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993), the NMOCD Unlined Surface Impoundment Closure Guidelines (February 1993), and the Environmental Plus, Inc. (EPI) Standard Operating Procedures and Quality Assurance/Quality Control Plan. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were arrived at with currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered EPI professional with a background in engineering, environmental, and/or the natural sciences.

This report was prepared by:

Pat McCasland

Mary 16, 2005 Date

This report was reviewed by:

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16 May

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1.0 INTRODUCTION

Environmental Plus, Inc. (EPI), on behalf of Plains Pipeline, L.P. (Plains), submits this revised Stage 1 and Stage 2 Abatement Plan to the New Mexico Oil Conservation Division for the investigation and remediation of the Plains Pipeline, L.P. Hugh Gathering 090402 (Ref.#2002-10235) pursuant to your written request dated April 1, 2005. This plan will serve as a "Work Plan Supplement" as referenced in the "General Work Plan for Remediation of EOTT Energy Pipeline Spills, Leaks, and Releases in New Mexico" approved by the New Mexico Oil Conservation Division (NMOCD) on August 1, 2000.

2.0 "RESPONSIBLE PERSON"

The "Responsible Person" for the Stage 1 and Stage 2 Abatement Plans is:

Camille Reynolds Plains Pipeline, L.P. 3705 East Highway 158 (PO Box 3319) Midland, Texas 79706 (79702)

3.0 STAGE 1 ABATEMENT PLAN

The release occurred on September 4, 2002. On September 12, 2002, during initial delineation of the vertical extent of crude oil impact, non-aqueous phase hydrocarbon was observed on the surface of the groundwater at approximately 58-feet below ground surface ('bgs) in excess of the standards set forth in 20 NMAC 6.2.3103, i.e., "Non-aqueous phase liquid shall not be present floating atop or immersed within groundwater, as can be reasonably measured." The NMOCD offices in Santa Fe and Hobbs, New Mexico were notified of the impact. This proposal identifies Stage 1 Abatement Plan objectives consistent with Rule 19 of the NMOCD regulations that will be used to develop the remediation strategies required for the Stage 2 Abatement Plan and are being submitted coincidently.

3.1 BACKGROUND

The site is located approximately 3-miles northeast of Eunice, New Mexico adjacent to NMSR 18 at a latitude of 32°29'11"N and a longitude of 103°07'33"W. The initial form C-141 submitted to the NMOCD on September 12, 2002, by EOTT Energy Pipeline (EOTT), the asset owner at that time (Plains Pipeline, L.P. is the current owner), reported an estimated 50 barrels (bbls) of crude oil was released with no recovery. Because of the small diameter surface impact, the release was initially reported internally to be less than 1 bbl of crude oil; however, during replacement of the line, EOTT upgraded the release to 50 bbls. The leak was due to internal/external corrosion and occurred in a section of pipe inside the conduit under New Mexico State Road 18 (NMSR 18). Crude oil was reported to be coming from the conduit vents on the east and west sides of the highway (i.e., East Site in Unit Letter-M (UL-M) (SW¼ of the SW¼) of Section 12, Township 21 South (T21S) and Range 37 East (R37E) on property owned by William McNeill and the West Site in UL-P (SE¼ of the SE¼) of Section 11, T21S, R37E on property owned by James A. Bryant. During replacement of the pipeline, 168 cubic yards (yd³) of impacted soil was disposed of in the Environmental Plus, Inc. (EPI) Landfarm.

The **east release** was delineated in September 2002 and characterized as not having impacted groundwater. The horizontal extent of soil impact appears to be conical in shape and extends laterally from the point of release approximately 25-feet. The vertical extent of soil impact was delineated to be 25-feet below ground surface (bgs).

The west release delineation in September of 2002, determined that groundwater had been impacted and is the primary focus of the Stage 1 and 2 Abatement Plans. Soil impacts appear conical in shape in the area of the leak origin and extend 58'bgs to the groundwater. Laterally, within 10-feet of the leak origin, the impacts extend to approximately 25'bgs and laterally from 10-feet to 30-feet from the leak origin soil impacts extend only to 10'bgs. Groundwater delineation efforts have resulted in the installation of 12 groundwater monitor wells, 11 on the site and 1 down gradient well east of NMSR 18. The dissolved phase impact has been delineated and crude oil recovery and groundwater monitoring has been ongoing under the purview of the NMOCD. The site soil and groundwater delineation information is discussed in the Stage 2 Abatement Plan (Section 4.0).

3.2 INITIAL SPILL MITIGATION

Initial response to the release was to deactivate the pipeline and excavate the release areas. Once it was determined that the leak was inside the conduit, the decision was made to replace the section of pipe. The pipeline section was replaced the following day and placed back in service. Approximately 168 cubic yards (yd³) of impacted soil, excavated during replacement of the pipeline, was disposed of at the Environmental Plus, Inc. (EPI) Landfarm.

3.3 STAGE 1 ABATEMENT PLAN OBJECTIVES AS PER NEW MEXICO OIL CONSERVATION DIVISION REGULATION 19.E(3)

This plan, when implemented, will provide adequate information to characterize the hydrocarbon impacts (i.e., horizontal and vertical extents) of the vadose zone and groundwater and identify site-specific geologic and hydrologic metrics for this site. The Quality Assurance Plan included as Attachment III will guide implementation of critical protocols and ensure credibility and usability of all data and information. The primary objective of this investigation was to collect adequate information to bound the vertical and horizontal extent of crude oil contamination in the vadose zone and the areal distribution in the groundwater underlying the site. The focus and scope are as follows:

- Designate "responsible person" relative to plan submittal,
- Describe and map site, provide historical information including previous investigations
- Characterize Site:
 - 1. Defined Geology and Hydrogeology, i.e., Hydraulic Conductivity, Transmissivity, and Storativity;
 - 2. Determined vertical and horizontal extent and magnitude of vadose-zone and groundwater contamination:
 - a) Collect discrete soil samples with a sample probe from depths as necessary below ground surface (bgs) to determine vertical extent of hydrocarbon contamination;
 - b) Screen all samples using a photoionization detector (PID) and record results;
 - c) Analyze samples for total petroleum hydrocarbon (TPH^{8015m}), i.e., gasoline range organics (GRO) and diesel range organics (DRO) using EPA method 8015M and benzene, toluene, ethylbenzene, and m, p, & o xylenes (BTEX) using EPA method 8020;
 - d) Future samples may be collected from the interval exhibiting the highest TPH^{8015m} concentrations for synthetic precipitate leaching procedure (SPLP) analyses for TPH^{8015m} and BTEX.
 - 3. Determined rate and direction of contaminant migration;

- 4. Provided inventory of water wells inside and within one (1) mile from the perimeter of the three-dimensional body where the NMWQCC standards are exceeded;
- 5. Provided location and number of wells actually or potentially affected by the pollution;
- 6. Defined surface-water hydrology;
- 7. Determined seasonal stream flow characteristics;
- 8. Determined groundwater/surface water relationships; and
- 9. Determined the vertical and horizontal extent and magnitude of contamination and impacts to surface water and stream sediments.
- Establish Monitoring Program
 - 1. Sampling station locations
 - 2. Sampling frequencies
- Establish a Quality Assurance Plan consistent with 20 NMAC 6.3107.B and 20 NMAC 6.1 for all work pursuant to this abatement plan.
- Submit a schedule of Stage 1 abatement plan activities, i.e., submission of quarterly progress reports and the detailed final site investigation report.

3.3.1 Project Organization and Responsibility

Environmental Plus, Inc., Eunice, New Mexico (EPI) conducted the field investigation with Plains Pipeline, L.P. personnel providing operational support and coordination. AnalySys, Inc. of Austin, Texas and Environmental Lab of Texas of Odessa, Texas performed the laboratory analyses and provided analytical reports.

3.3.2 Project Safety

Hazards that were encountered at the site included the following:

- Moving equipment
- Buried pipelines
- Rotary Equipment
- Highway ingress/egress
- Excavation
- Potential Hydrogen Sulfide Gas

Prior to drilling or excavation, NEW MEXICO ONE CALL was notified of activities, which provided a list of Companies they notified and a ONE CALL confirmation number. Employees and subcontractors were required to confirm current training in these hazards. Standard personal protective equipment included:

- Personal H₂S Monitor
- Hard-hat
- Steel Toed Boots/Shoes and gloves

3.3.3 Site Description

The site is located approximately three miles northeast of Eunice, New Mexico.

3.3.3.1 Historical Use

The area has been used historically for livestock grazing and access to oil/gas production facilities.

3.3.3.2 Legal Descriptions

The release surfaced on opposite sides of the four-lane NMSR 18 highway that runs north and south along the section line between Sections 11 and Section 12 of T21S R37E. The site is located approximately 3-miles northeast of Eunice, Lea County, New Mexico.

3.3.3.2.1 Release on the east side of NMSR 18

This portion of the site is located east of NMSR 18 in UL-M (SW¹/₄ of the SW¹/₄) of Section 12, T21S, R37E at a latitude of 32°29'11.080"N and at a longitude of 103°07'29.637"W on property owned by William McNeill.

3.3.3.2.2 Release on the west side of NMSR 18

This portion of the site is located west of NMSR 18 in UL-P (SE¹/₄ of the SE¹/₄) of Section 11, T21S, R37E at a latitude of 32°29'11.007"N and a longitude of 103°07'33.864"W on property owned by James A. Bryant.

3.3.3.3 Photographic documentation

Photographs are provided in Attachment II.

3.3.3.4 Ecological Description

The area is typical of the Upper Chihuahuan Desert Biome consisting primarily of Honey Mesquite (*Prosopis glandulosa*) along with typical desert grasses and weeds. Mammals represented include Orrd's and Merriam's kangaroo rats, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit and the Mule Deer. Reptiles, amphibians, and birds are numerous and typical of area. A survey of Listed, Threatened, or Endangered species was not conducted.

3.3.4 Environmental Media Characterization

Chemical parameters of the soil and groundwater were characterized consistent with the New Mexico Oil Conservation Division (NMOCD) guidelines published in the following documents as applicable:

- Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)
- Unlined Surface Impoundment Closure Guidelines (February 1993)

Acceptable thresholds for contaminants of concern (CoC), i.e., TPH and BTEX are determined based on the following:

- Depth to Groundwater, i.e., distance from the lower most acceptable concentration to the groundwater.
- Wellhead Protection Area, i.e., distance from fresh water supply wells.
- Distance to Surface Water Body, i.e., horizontal distance to down gradient surface water bodies.

Site specific risk-based thresholds may be developed and proposed along with alternative remediation technologies as allowed by the NMOCD.

3.3.4.1 Area Groundwater Levels

According to The United States Geological Survey (USGS) Ground-Water Report 6, "Geology and Ground-Water Conditions in Southern Lea County, New Mexico" (A. Nicholson and A Clebsch,

1961), and the New Mexico Office of the State Engineer (NMOSE), the uppermost aquifer occurs in the area between 53-feet bgs and 100-feetbgs (reference the NMOSE Well Report in Attachment I). The site water level was measured to be approximately 58'bgs.

3.3.4.2 Water Well Inventory

The matrix below lists area water wells recorded by the New Mexico Office of the State Engineer and by the USGS. There are no wells recorded to be in section 11 or adjacent sections 2, 3, 10, 12, and 15 in T21S R37E. The topographical map included in Attachment I is annotated with the well locations.

Plains Hugh Gathering Area Water Wells										
Well No.#	Tws	Rng	Sec	Easting	Northing	Well	Water			
CP 00137	21S	37E	13	676912	3595573		na			
CP_00197	21S	37Ē	1	676660	3598390		na			
CP 00212	21S	37E	14	675305	3595545		na			

Shape	Point	Point	Point	Point	Point
Area	0.000	0.000	0.000	0.000	0.000
Perimeter	0.000	0.000	0.000	0.000	0.000
Water_wells#	4876	4981	4990	4954	5150
Water_wells-id	4876	4981	4990	4954	5150
Index_no	4876	4981	4990	4954	5150
Siteid	322801103073101	322901103071101	322909103070601	322849103080601	323025103062501
Latitude	322801	322901	322909	322849	323025
Longitud	1030731	1030711	1030706	1030806	1030625
Lociname	11516	11490	05053	11492	12779
Altitude	3411	3437	3441	3399	3559
Use	Н	บ	S	S	U
Depth	85.00	100.00	0.00	48.00	90.00
Geo-unit	No Data				
Waterlev	54.53	64.95	68.71	30.30	76.56
WI-date	19651130	19680312	19910123	19910424	19910117
Wlingwsi	1	3	2	7	6
Sitestat	No Data				
Discharg	0.00	0.00	0.00	0.00	0.00
Spc	0	0	0	0	0
Spc-date	No Data				
Qwyear	1965	1966	No Data	1965	1970
Temp	0.0	0.0	0.0	0.0	0.0
Tempdate	No Data				
Obs-well	No Data				

Area water well levels T21 R37E

3.3.4.3 Water Wells Actually or Potentially Affected by the Pollution

There are no water wells located within a 1,000-foot radius of the site.

3.3.4.4 Aquifer Recharge

According to The United States Geological Survey (USGS) Ground-Water Report 6, "Geology and Ground-Water Conditions in Southern Lea County, New Mexico" (A. Nicholson and A Clebsch, 1961), the relatively shallow occurrence of groundwater in the area, suggests the upper most unconfined aquifer is recharged from the surface.

3.3.4.5 Depth to Groundwater Calculation

The NMOCD requires the site be ranked to determine which soil TPH threshold will apply and defines depth to groundwater as, "the vertical distance from the lowermost contaminants to the seasonal high water elevation of the groundwater." The uppermost occurrence of groundwater is approximately 58'bgs. The lowest most contamination occurs at the interface of the vadose zone and the water table. The calculated NMOCD depth to groundwater is 0.0-feet.

3.3.4.6 Groundwater Gradient

According to the USGS (Nicholson & Clebsch), the upper most aquifer occurs as Quaternary alluvium and Ogallala formations with the flow gradient to the southeast.

3.3.4.7 Wellhead Protection Area

There are no water wells within a 1,000-foot radius of the site perimeter.

3.3.4.8 Distance to Nearest Surface Water Body

There are no surface water bodies located within a 1,000-foot radius of the site.

3.3.4.9 Seasonal Stream Flow Characteristics

There are no streams located within a 1,000-foot radius of the site.

3.3.5 Delineation of Nature, Extent, and Magnitude of Contamination (19NMAC15.A.19.E(3)(b)(i), (ii))

This section discusses the nature, extent, and magnitude of crude oil contamination of the east and west sides of the site separately.

3.3.5.1 Release on the east side of NMSR 18

The horizontal extent of soil impact appears to be conical in shape and extends laterally from the point of release approximately 25-feet radially. The vertical extent of soil impact was delineated to be 25-feet below ground surface ('bgs). The unexcavated soil impacted above the NMOCD CoC remedial goals is estimated to be approximately 578 yd³.

3.3.5.1.1 Highly Contaminated/Saturated Soils

The soil boring at the leak origin delineated the vertical extent of crude oil impact to be 25'bgs. The highly contaminated/saturated soils have been disposed of off-site.

3.3.5.1.2 Unsaturated Contaminated Soils

The "in-situ" soil within the release area is impacted above the NMOCD guideline thresholds for the CoCs, but is unsaturated.

3.3.5.1.3 Groundwater Contamination

The groundwater in this portion of the site is not impacted.

3.3.5.1.4 Other Relevant Media Contamination

The remaining crude oil source term does not present a risk to any other environmental media.

3.3.5.1.5 Background (Up-gradient) Sample Results

The soil samples collected during installation of the up-gradient groundwater monitoring well MW6 were considered as representative background samples for the location, as is evidenced by the non-detections for the CoCs in the soil and groundwater samples.

3.3.5.2 Release on the west side of NMSR 18

Soil impacts appear conical in shape in the area of the leak origin soil impacts and extend 58'bgs to the groundwater. Laterally within 10-feet of the leak origin the impacts extend to approximately 25'bgs and laterally from 10-feet to 30-feet from the leak origin soil impacts extend only to 10'bgs. The unexcavated impacted soil is estimated to be approximately 936 yd³ of contaminated soil.

3.3.5.2.1 Highly Contaminated/Saturated Soils

The soil boring at the leak origin identified free product at the interface of the non-saturated vadose zone and the saturated zone. The highly contaminated/saturated soils down to 4'bgs have been disposed of off-site. The "smear zone" at 53 to 55'bgs, just above the interface of the vadose zone and water table, is saturated with phase separated hydrocarbon (PSH).

3.3.5.2.2 Unsaturated Contaminated Soils

The "in-situ" soil within the release area is impacted above the NMOCD guideline thresholds for the CoCs but is unsaturated. Soils from the surface down to 3 to 5 feet above the interface of the vadose zone and the water table (i.e., 53 to 55'bgs) are unsaturated.

3.3.5.2.3 Groundwater Contamination

The groundwater at this site is impacted. Monitoring results from perimeter monitor wells, MW6, MW7, MW11 and MW12, have bounded the extents of the dissolved phase hydrocarbon plume. As of October 2004, dissolved phase hydrocarbons (i.e., benzene, toluene, ethylbenzene and xylenes) have not been detected above the method detection limits in monitor wells MW6, located approximately 170-feet west northwest of the leak origin, MW7, located approximately 157-feet south of the leak origin, MW11 located approximately 100-feet north of the leak origin, and MW12, located approximately 230-feet southeast of the leak origin. Interior monitor well MW5, the only other well not impacted with PSH, being monitored quarterly and has detectable dissolved phase hydrocarbon in excess of the NMWQCC benzene standard 0.01 mg/L at 0.312 mg/L (October 2004). Toluene, ethylbenzene, and xylenes were detected, but not above the respective NMWQCC standards.

In December 2004, the PSH pool on the water table had thicknesses ranging from 5.97-feet in monitor well MW4, located approximately 30-feet north of the leak origin, 1.40-feet in monitor well MW3, located approximately 75-feet south of the leak origin, 3.22-feet in monitor well MW9, located approximately 50-feet southwest of the leak origin, and 1.34-feet in monitor well MW10, located approximately 50 northwest of the leak origin. Delineation of the eastern extents of the PSH pool is precluded by roadway. A groundwater delineation map is included in Attachment I *illustrating the estimated extents of the dissolved phase hydrocarbon plume and the estimated extents of the PSH pool.*

3.3.5.2.4 Other Relevant Media Contamination

The remaining crude oil source term does not present a risk to any other environmental media.

3.3.5.2.5 Background (Up-gradient) Sample Results

The soil samples collected during installation of the up-gradient groundwater monitor well MW6 is a representative background sample location, as is evidenced by the non-detections for the CoCs in the soil and groundwater samples.

3.3.6 Identification of Remedial Action Levels

Remedial goals for soil in this area are stratified with depth. The New Mexico Water Quality Control Commission (WQCC) groundwater Maximum Contaminant Levels for the CoCs will apply to site groundwater.

3.3.6.1 Site Ranking - Soil from the surface to 8'bgs

The soil from the surface to 8-feet bgs has the following score and site ranking;

Depth to Groundwater / >50'bgs and <100'bgs = 10 Wellhead Protection Area / >200 = 0 Distance to Surface Water Body / >200' = 0 Site Ranking = 10

Remedial Action Levels

- TPH 1000 mg/Kg
- BTEX 50 mg/Kg
- Benzene 10 mg/Kg

3.3.6.2 Site Ranking - Soil from 8'bgs to 58'bgs

The soil from 8-feet bgs to 58-feet bgs has the following score and site ranking;

Depth to Groundwater / <50' = 20Wellhead Protection Area / >200' = 0Distance to Surface Water Body / >200' = 0Site Ranking = 20

Remedial Action Levels

- TPH 100 mg/Kg
- BTEX -50 mg/Kg
- Benzene 10 mg/Kg

3.3.6.3 Risk-Based Closure

The NMOCD Guidelines allow risk-based closure as an alternative to total removal of soils impacted above the site specific NMOCD remedial goals and is being proposed at this site. Risk-based closures typically rely on the installation of an oversized engineered barrier designed to isolate the subsurface crude oil source term, permanently cutting-off and eliminating the groundwater exposure pathway (vertical transport mechanism) for perpetuity, providing the barrier, whether of compacted clay or 20-mil polyethylene, remains intact (i.e. protected from human intrusion or erosion).

3.3.7 Proposed Borehole Sampling Locations

Additional boreholes are not anticipated.

3.3.8 Monitoring Program (19NMAC15.A.19.E(3)(c)

The Monitoring Program is a part of the Stage 2 Abatement Plan. The monitor wells installed at the site are sampled quarterly for the BTEX compounds and annually for Polynuclear Aromatic Hydrocarbons (PAHs). Product and water extracted/recovered volumes are routinely logged and reported along with disposal information. Data is summarized into an annual report documenting progress and status and submitted to the Santa Fe and Hobbs offices of the NMOCD Environmental Bureau.

3.3.9 Schedule for Stage 1 Abatement Plan Implementation

The delineation efforts to date have collected sufficient information to satisfy the Stage 1 Abatement Plan requirements so that a viable Stage 2 Abatement Plan can be developed.

4.0 STAGE 2 ABATEMENT PLAN

The objective of the Stage 2 Abatement Plan is to remediate soil and groundwater contamination to acceptable levels as identified during the Stage 1 Abatement Plan. The information collected to date provides information sufficient to select an abatement strategy and develop a plan for the site.

4.1 SOIL INVESTIGATION

Based on information collected during the preliminary soil delineation phase of the project, Plains proposes to isolate the remaining crude oil source term by installing an engineered 2-foot thick clay barrier installed between 15'bgs and 13'bgs.

4.1.1 Subsurface Soil Investigation - West side of NMSR 18

The preliminary investigation conducted in September 2002 advanced and sampled 8 boreholes (BH9-BH16), one of which was converted into a groundwater monitor well (i.e. BH10 was completed as monitor well MW2). The site borehole map is included in Attachment I. The analytical results are presented and summarized in Attachment III and illustrated below.



Plains Pipeline, L.P. Hugh Gathering #2002-10235 (West Site)





Plains Pipeline, L.P. Hugh Gathering #2002-10235 (West Site) Benzene Delineation







4.1.2 Subsurface Soil Investigation - East side of NMSR 18

The preliminary investigation conducted in September 2002 advanced and sampled 8 boreholes. The annotated site borehole map is included in Attachment I. The analytical results are presented and summarized in Attachment III and illustrated below.





Plains Pipeline, L.P. Hugh Gathering #2002-10235 (East Site) BTEX Delineation

Plains Pipeline, L.P. Hugh Gathering #2002-10235 (East Site) Benzene Delineation



Plains Pipeline, L.P. Hugh Gathering #2002-10235 (East Site) Total Petroleum Hydrocarbon 8015M Delineation



4.2 REMEDIATION STRATEGY

Plains proposes to excavate and dispose of impacted soils to a depth of 15-feet bgs in the Plains Lea Station Landfarm and permanently isolate the remaining soils impacted above the NMOCD guidelines below 15'bgs with a 5-foot oversized, compacted and engineer tested, 2-foot thick clay barrier, relying on risk assessment conclusions to demonstrate adequate isolation. To accelerate attenuation of the impacted soil below the clay barrier, the floor of the excavations will be saturated with a 6% solution of MicroBlaze Spill Control[®] (MicroBlaze) prior to installation of the clay barrier. MicroBlaze is a phosphate based detergent solution inoculated with petrophilic facultative bacteria that can utilize petroleum hydrocarbon as a substrate. Because of the four-lane highway adjacent to the sites, (i.e., New Mexico State Road 18 (NMSR18)), the maximum encroachment of the excavation onto the right-of-way will not exceed 5-feet. If, after excavating, samples of the sidewalls adjacent to NMSR18 indicate petroleum hydrocarbon levels in excess of the NMOCD remedial goals, MicroBlaze will be injected into the impacted sidewalls to a horizontal depth of at least 4-feet on 10-foot horizontal and 3-foot vertical centers.

Passive soil vapor ventilation systems will be installed below the clay barriers to evacuate volatile organic vapors and, at the westside site, will be in addition to the dual phase (i.e., crude oil and vapor) eductor recovery system proposed for the site. The injection points and passive vapor ventilation systems are illustrated on the Proposed Excavation Schematic Cross-Section #1 & #2 diagrams for the east and west release sites included in Attachment I.

4.2.1 West Release Soil Remediation

Remediation of the west release site will rely on disposal, treatment with MicroBlaze, isolation and extraction and ventilation of organic vapors in the vadose zone.

4.2.1.1 Disposal

Soil impacted above the NMOCD remedial action levels down to 15'bgs will be removed and disposed of in the Plains Lea Station Landfarm. The excavation will be expanded laterally to ensure at least a 5-foot clean buffer around the impacted floor. The estimated disposal volume should not exceed 1,100 yd³ (i.e., 40'x40'x15' = 889 yd³ x 1.2 expansion factor = 1,067 yd³). Grab samples of the sides and bottom of the excavation will be collected and analyzed to verify the 5-foot clean buffer.

4.2.1.2 Vapor Extraction

To promote attenuation and remediate the impacted vadose zone soil isolated below the compacted clay barrier, a passive organic vapor ventilation system will be installed in the floor of the excavation. Organic vapors will also be extracted via the dual phase (i.e., crude oil and vapor) eductor recovery system proposed for installation at the site.

4.2.1.2.1 Passive Organic Vapor Ventilation System

The system will be constructed of solid and slotted 4" PVC pipe with cemented slip joints. Two equally spaced trenches, 2' wide x 2' deep x 95'-100' long, will be excavated east to west in the impacted portion of the floor of the excavation and partially filled with coarse sand. The slotted 4" PVC pipe will be wrapped with an inert fabric, to prevent sand from filling the laterals, then be laid on top of the sandpack and the trenches brought to grade with additional coarse sand. A riser will be installed at the west end of each slotted lateral to approximately 10-feet above the site grade. A 14-inch diameter wind turbine will be permanently affixed to the 4" PVC riser. The wind turbines, when rotated by the wind, create a negative pressure inside the slotted laterals, pulling vadose zone vapors into the system and exhausting the vapor to the atmosphere. The system is illustrated Proposed Excavation Schematic Cross-Section #1 included in Attachment I.

4.2.1.2.2 Vapor Extraction

A permanent eductor type recovery system is being proposed for the site. The eductors do not differentiate between fluids (i.e., crude oil and groundwater) and wellbore vapors and will evacuate either with equal efficiency. During normal crude oil recovery operations, the eductor is positioned in the wellbore approximately 0.2-feet above the stabilized groundwater level. Because the eductor rate of recovery exceeds the rate of crude oil entering the wellbore, the eductor will also be extracting wellbore vapors from the interface of the crude oil and wellbore vapor space. If the recovery well casing is sealed at the surface, a negative pressure will be generated that can only be relieved through the portion of the well screen set above the groundwater, resulting in the extraction of organic vapors present in the pore space in the vicinity of the screen. A single eductor with a circulating pressure of 40 to 70 psi is capable, at a minimum, of evacuating 0.06 cubic feet per minute or 89.76 cubic feet per day of air/vapor or fluid with the specific gravity of water.

4.2.1.3 MicroBlaze Treatment

Prior to installation of the compacted clay barrier, the floor of the excavation will be saturated with 6% MicroBlaze at a minimum rate of 1-gallon per yd³ (i.e., approximately 936 gallons). If, after excavation activities are completed, samples of the sidewalls adjacent to NMSR18 indicate petroleum hydrocarbon levels in excess of the NMOCD remedial goals, MicroBlaze will be injected into the impacted sidewall to a horizontal depth of at least 4-feet on 10-foot horizontal and 3-foot vertical centers.

4.2.1.4 Clay Barrier Installation

The 2-foot thick clay barrier will be installed in 1-foot thick lifts, compacted to 95% of the proctor density and the compaction tested by a qualified engineering firm. The clay barrier will extend at least 5-feet beyond the contaminated soil in the floor of the excavation and will be contoured to shed water.

4.2.1.5 Backfilling, Contouring and Reseeding

Upon confirmation that the compaction is acceptable, the excavation will be brought to grade with clean soil, contoured and reseeded with a seed blend preferred by the landowner.

4.2.2 East Release Soil Remediation

Remediation of the east release site will rely on disposal, treatment with MicroBlaze, passive vapor ventilation and source term isolation.

4.2.2.1 Disposal

Soil impacted above the NMOCD remedial action levels to a depth of 15'bgs will be removed and disposed of in the Plains Lea Station Landfarm. The excavation will be expanded laterally to ensure at least a 5-foot clean buffer around the impacted floor. The estimated disposal volume should not exceed 450 yd³ (i.e., 25' by 25' by 15' = 347 yd³ x 1.2 expansion factor = 417 yd³). Grab samples of the sides and bottom of the excavation will be collected and analyzed to verify the 5-foot clean buffer.

4.2.2.2 MicroBlaze Treatment

Prior to installation of the compacted clay barrier, the floor of the excavation will be saturated with 6% MicroBlaze at a minimum rate of 1-gallon per yd³ (i.e., approximately 250 gallons). If, after excavating, samples of the sidewalls adjacent to NMSR18 indicate petroleum hydrocarbon levels in excess of the NMOCD remedial goals, MicroBlaze will be injected into the impacted sidewall to a horizontal depth of at least 4-feet on 10-foot horizontal and 3-foot vertical centers.

4.2.2.3 Passive Organic Vapor Ventilation System

The system will be constructed of solid and slotted 4" PVC pipe with cemented slip joints. Two equally spaced trenches, 2' wide x 2' deep x 25' long, will be excavated east to west in the impacted portion of the floor of the excavation and partially filled with coarse sand. The slotted 4" PVC pipe will be wrapped with an inert fabric to prevent sand from filling the laterals then be laid on top of the sandpack and the trenches brought to grade with additional coarse sand. A riser will be installed at the east end of each slotted lateral to approximately 10-feet above the site grade. A 14-inch diameter wind turbine will be permanently affixed to the 4" PVC risers. The wind turbines, when rotated by the wind, create a negative pressure inside the slotted laterals, pulling vadose zone vapors into the system and exhausting the vapor to the atmosphere. The system is illustrated on the Proposed Excavation Schematic Cross-Section #2 included in Attachment I.

4.2.2.4 Clay Barrier Installation

The 2-foot thick clay barrier will be installed in 1-foot thick lifts, compacted to 95% of the proctor density and the compaction tested by a qualified engineering firm. The clay barrier will extend at least 5-feet beyond the contaminated soil in the floor of the excavation and will be contoured to shed water.

4.2.2.5 Backfilling, Contouring and Reseeding

Upon confirmation that the compaction is acceptable, the excavation will be brought to grade with clean soil, contoured and reseeded with a seed blend preferred by the landowner.

4.3 PRODUCT RECOVERY AND GROUNDWATER REMEDIATION

The free phase hydrocarbon will be removed via extraction wells and reintroduced to the Plains system at their Lea Station Facility. Contaminated groundwater generated during monitoring or recovery activities will be disposed of at an NMOCD approved facility.

4.3.1 Product Recovery

Monitor wells MW1, MW2, MW3, MW4, MW8, MW9, and MW10 are impacted with PSH and are being used as PSH recovery wells. An automated eductor type recovery system, being used successfully at other Plains sites, will be installed within a lined and bermed area central to the site and secured with a chainlink fence with a lockable gate. Electrical power will be provided by a propane fueled 8,000 kilowatt generator designed for continuous operation. The system will be checked daily until the system and recovery rates have stabilized and twice weekly there after. A site diagram is included in Attachment I.

4.3.2 Groundwater Remediation

After the recoverable portions of free-product have been removed from the surface of the groundwater it is proposed that the natural attenuation of the dissolved phase hydrocarbons be monitored quarterly in accordance with the NMOCD guidelines. This is reasonable given that there are no domestic or agricultural water wells currently at risk.

4.4 SITE SURFACE RESTORATION

During the spring of the year the surface will be reseeded with grasses native to the area (i.e., blue gramma and black gramma) or a seed mix preferred by the landowner.

4.5 ABATEMENT AND MONITORING SCHEDULE

Sampling of the monitor wells will continue quarterly and annual monitoring reports submitted to the NMOCD Environmental Bureau offices in Hobbs and Santa Fe, New Mexico. Extraction of the non-aqueous phase hydrocarbon will cease after no observable sheen on the produced water surface and these wells will subsequently be placed in the groundwater sampling program. Abatement of the groundwater will cease after receipt of 4 consecutive quarters of monitoring well data below regulatory limits. At that time the monitor wells will be abandoned.

4.6 PUBLIC NOTIFICATION

Prior to issuance of the Public Notice, the following individuals and entities will be notified in writing of the Stage 1 and Stage 2 Abatement Plans.

- Surface owners of record with one (1) mile of the perimeter of the affected area;
- The Lea County Commission;
- Individuals or organizations requesting notification;
- The New Mexico Trustee for Natural Resources and other affected agencies; and
- All others as directed by the Director of the New Mexico Energy Minerals and Natural Resources Department.

Within fifteen days after receiving notice from the NMOCD that the Stage 1 Abatement Plan and/or the Stage 2 Abatement Plan are administratively complete, Plains will issue public notice in newspapers with county and state wide circulation's, (i.e., Hobbs Daily News Sun, Lovington Leader, and Albuquerque Journal).

The Public Notice will be developed to include:

- Name and address of the responsible person;
- Location of the proposed abatement;
- Descriptions of the source extent, release volume, and affected environmental media;
- Description of the Stage 1 and Stage 2 Abatement Plans;
- Description of the procedure required by the Director before making a final determination;
- State that the abatement plan can be viewed at the Division office in Hobbs or electronically from a Division maintained site; and
- State that the Director will consider the following comments and requests if received within 30 days after publication of the public notice;
 - a) Written comments on the abatement plan;
 - b) For a Stage 2 abatement plan, written requests for a public hearing that includes reasons why a hearing should be held; and
 - c) Address and telephone number at which interested persons may obtain further information.

Attachment I: Well Report, Maps and Figures

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New Mexico Office of the State Engineer

Page 1 of 1

New Mexico Office of the State Engineer Well Reports and Downloads								
Township: 218 Range: 37E	Sections:							
NAD27 X: Y:	Zone:	Search Radius:						
County: Basin:	- Numb	er: Suffix:						
Owner Name: (First) (La	st)	C Non-Domestic C Domestic						
Weil / Suilace Data Report	er Column Report							
Clear Form	WATERS Menu	Help						

AVERAGE DEPTH OF WATER REPORT 03/11/2005

		VALK	IGE I	JEPTH U	F WATER	REPORT 0	13/11/20	0.0		
								(Depth	Water in	Feet)
Bsn	Tws	Rng	Sec	Zone	Х	Y	Wells	Min	Max	Avg
СP	21S	37E	04				2	75	75	75
CP	215	37E	06				1	73	73	73
CP	215	37E	16				1	70	70	70
CP	215	37E	22				1	53	53	53
CP	215	37E	23				1	65	65	65
CP	21S	37E	23		924000	6600000	1	65	65	65
СΡ	21S	37E	27				1	76	76	76
CP	215	37E	28				3	65	75	71
CP	21S	37E	33				1	100	100	100

Record Count: 12

http://iwaters.ose.state.nm.us:7001/iWATERS/WellAndSurfaceDispatcher

3/11/2005



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STACH 1 & 2 ABATTAREAT PLAN (RENTSED) 10 CH GATHERING (#04402 #2002 10235

28)



STACH 1 & 2 ABATTORIST PLAN (RUNNED) HUVER GATHORISE (1994)2 #2002 10235



STAGE 1 & 2 ABATEMENT PLAN (REVEND) HARDI GATHARSE (9944)C #2402-90235



STACK 1 & 2 ABATTARISSY PLAN (REVEID) HIVEH GATHERENG (MODIC #2002, 10235



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STAGE L& 2 ABATEMENT PLAN (REVERD) FRUCH GATHERING (989402 #28/2-10235

-24



STAGE 1 & 2 ABACTORING PLACE (REVEND) TRACE CATHERING (PORC #2002 [0235



Figure 7 West Release Site Proposed Land Use Area

Attachment II: Site Photographs

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EOTT Energy Pipeline Journau Line 6" West side of NMSR 18 UL4 Mion 11 TMS R37E

EOTT Energy Pipeline

Energy Pip

Attachment III: Quality Assurance Plan

1.0 QUALITY ASSURANCE PROJECT PLAN

This Quality Assurance Plan (QAP) will ensure the quality and usability of information and data used to support a successful site investigation and subsequent environmental management decisions.

1.1.1 Data Quality Objectives

For analytical information derived from samples, the following quality controls will be documented and verified. If data is within the specifications it will be deemed quantitative and acceptable for use in making environmental management decisions.

- Laboratory data must have extraction recovery for TPH, BTEX and general chemistry parameters ≤30.0%. Or a "%Extraction Accuracy" between 70 and 130%.
- Laboratory data must have <30% Relative Percent Difference or a "%Instrument Accuracy" between 70 and 130%.
- Field headspace analyses must be supported with instrument calibration data and calibration gas certification.

1.1.2 Methods

Collecting representative site samples and information requires that the sampling and observational processes and procedures be implemented within strict bounds. These control procedures will further ensure the quality of site data and information and are consistent with the Plains standard operating procedures as referenced in the NMOCD approved "General Work Plan for Remediation of EOTT Pipeline Spills, Leaks, and Releases in New Mexico." Likewise, personnel will implement standard environmental and occupational safety protocols.

1.1.2.1 Borehole Drilling, Lithologic Sampling, Logging, and Abandonment

Boreholes will be located strategically to best determine vertical and horizontal extent of contamination in the vadose zone and groundwater. Borelogs will be developed for each boring noting site lithology. Likewise, laboratory samples may be collected to determine more detailed lithologic characteristics, i.e., porosity, transmissivity, etc. Each borehole not developed into a permanent monitor well will be plugged with Sodium Bentonite in accordance with the NMOCD guidelines.

1.1.2.1.1 General Drilling Procedures

The investigation will use the Environmental Plus, Inc. drill rig with hollow stem auger and "thin-wall probe" method of discrete sampling.

1.1.2.1.2 Soil Sampling and Logging

Upon advancing to the desired sampling interval the probe will be extended through the end of the hollow stem auger and pushed into the soil matrix to collect the sample. As the 1.5" X 48" stainless steel probe with a vinyl sampling sleeve is detached from the sampling bar, it will be immediately placed on the rack and logged. A 4 oz. sample will then be decanted into the sample jar for refrigeration and preparation with the remainder (~1 Kg) placed in a 1 gallon Ziplock bag, warmed to ambient ~ 70-80 °F and VOC Headspace concentration measured and recorded. All pertinent information will be recorded on the field borelog data sheet.

1.1.2.1.3 Monitor and Pollution Abatement Well Installation

Boreholes exhibiting contamination from the surface to groundwater will be abandoned. Those advanced down gradient of the site for the purpose of plume delineation and found to be unimpacted will be completed and developed as monitor wells. Some boreholes may be temporarily abandoned, i.e., covered but not plugged, for future development as pollution abatement wells. The New Mexico State Engineers Office will be notified in
writing of all pollution abatement well installations. All monitor and pollution abatement wells will be installed and developed in accordance with the NMOCD guidelines.

1.1.2.1.4 Groundwater Sampling

Groundwater will be sampled within 24 hours of well development using a new and certifiably clean one-liter weighted baler. The water will be immediately decanted into the appropriate containers and prepared for ascension to the laboratory.

1.1.2.1.5 Borehole Abandonment

The boreholes will be filled with a mixture of distilled water and Sodium Bentonite and a wooden marker denoting the borehole number driven into the center of each backfilled hole.

1.1.2.2 Sample Handling

Soil and water samples will be collected and prepared in accordance with accepted ASTM and EPA SW846 methods.

1.1.2.3 Sampling protocols

- 1. Decontaminate sampling equipment and area with Alconox distilled water after each sample.
- 2. Prepare samples and refrigerate as soon as practicable.

Duplicates or blanks may be submitted to the laboratory to establish reproducibility and identify laboratory contamination, respectively.

1.1.2.4 Sample Containers

Laboratory and field analyses of soil and water require specific containers and are listed in the matrix below.

	ТРН	BTEX	VOC Headspace	Metals	РАН	General Chemistry
Soil	4 oz. Jars with Teflon seal	4 oz. Jars with Teflon seal	1-gallon Ziplock® bags			
Water	1 liter amber glass w/HCL	2-40 ml VOA vials w/ HCL		16 oz. Plastic w/ 1ml HNO ₃	1 liter Amber Glass	1 liter Plastic

1.1.2.5 Sample Custody

All analytical request forms will be completed and signatured by EPI as sampler. EPI personnel will ascension the samples to the AnalySys, Inc. sample-receiving personnel under chain-of-custody signature.

1.1.2.6 Quality Control Samples

Quality control samples will be analyzed to ensure data quality.

1.1.2.6.1 Field Blank

A field blank for soil or water is not deemed necessary.

1.1.2.6.2 Equipment Blank

PLAINS ALL AMERICAN

None will be collected.

1.1.2.6.3 Field Duplicate or Co-located Samples

For water and soil samples, one duplicate or co-located sample will be collected for analysis every 10th sample.

1.1.2.6.4 Trip Blank

A laboratory prepared trip blank will accompany each water sample batch.

1.1.2.7 Field Measurements

The VOC Headspace concentration for each soil sample will be measured. The instrument used will be the Ultra-Rae PID manufactured by Rae Systems. The calibration gas will be 100.0 ppm isobutylene standard from Scott Specialty Gases, Freemont, Colorado.

1.1.2.7.1 Equipment Calibration and Quality Control

The PID will be calibrated at least 3 times daily and checked with the calibration gas hourly. When a check with the calibration gas indicates the instrument reading is 10 ppm too high or low it will be calibrated. Variation in the daytime ambient temperature will cause the variation.

1.1.2.7.2 Equipment Maintenance and Decontamination

All sampling and survey equipment will be routinely decontaminated between samples. Nitrile gloves will be worn and changed with each sampling iteration.

1.1.2.7.3 Groundwater Level Measurements

Groundwater levels will be taken with an accurate water level meter at each borehole where groundwater is encountered and may require the use of an interface meter. Levels will be recorded as "feet below ground surface" to the nearest ".1 ft."

1.1.2.8 Analyses

Soil and groundwater will be analyzed in accordance with the following EPA Methods.

The analytical suite for soil samples will include;

- TPH (EPA method 8015M)
- BTEX (EPA method 8020 or equivalent)
- SPLP for selected samples

The analytical suite for water samples will include:

- TPH (EPA method 8015B)
- BTEX (EPA method 8021B)
- Total Dissolved Solids (EPA method 150.1)
- PAH (EPA method 8270)

1.1.2.9 Sample Identification

Sample identification numbers will be designated as follows;

Site: Plains	Date	Borehole #	Interval bgs	Qualification: Cutting/Probe Sample
Hugh Gathering	2-2-04	BH1	20'	C or P

Example: PHG2204BH1-20C

1.1.2.10 Data Evaluation

All data will be reviewed based on the Data Quality Objectives in section 1.1.1.

Attachment IV: Site Soil Delineation Information

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					Hugh (Gathering	5 #2002-1	0235					
				So	il Boring Deline	cation Da	ita Eastsi	ide of NN	ASR 18				
Sample Location	Sample	Sampling Interval	SAMPLE ID#	Date	Lithology	VOC Headspace	GRO ³	DRO⁺	TPH ⁵	$BTEX^9$	Benzene	Toluene	Ethylbenzene
	nescription	(FT. BGS ¹)				bpm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	Probe	10	SEL69902BH1-10	9/9/02	Brown Coarse Sand	1161.0	9580	9910	19490	425.6	39.100	96.400	102.000
BHI	Probe	15	SEL69902BH1-15	9/9/02	Brown Coarse Sand	1189.0	6850	7480	14330	298.7	18.400	71.200	70.800
	Probe	20	SEL69902BH1-20	9/9/02	Brown Coarse Sand	1280.0	5370	6370	11740	213.73	7.830	50.100	41.500
	Probe	5	SEL69902BH2-5	9/9/02	Brown Coarse Sand	2.0	<10	<10	ND	QN	<0.025	<0.025	<0.025
BH2	Probe	10	SEL69902BH2-10	9/9/02	Brown Coarse Sand	1.4	<10	<10	QN	ND	<0.025	<0.025	<0.025
	Probe	15	SEL69902BH2-15	9/9/02	Brown Coarse Sand	0.9	<10	<10	ND	ND	<0.025	<0.025	<0.025
	Probe	5	SEL69902BH3-5	9/9/02	Tan Coarse Sand	1.3	<10	<10	ND	ND	<0.025	<0.025	<0.025
BH3	Probe	10	SEL69902BH3-10	9/9/02	Tan Coarse Sand	1.0	<10	<10	ND	ΩN	<0.025	<0.025	<0.025
	Probe	15	SEL69902BH3-15	9/9/02	Brown Coarse Sand	0.4	<10	<10	DN	ND	<0.025	<0.025	<0.025
	Probe	5	SEL691002BH4-5	9/10/02	Tan Coarse Sand	2.4	<10	<10	QN	ΠN	<0.025	<0.025	<0.025
BH4	Probe	10	SEL691002BH4-10	9/10/02	Tan Coarse Sand	1.9	<10	<10	QN	ΠŊ	<0.025	<0.025	<0.025
	Probe	15	SEL691002BH4-15	9/10/02	Brown Coarse Sand	1.6	<10	<10	ND	ΠN	<0.025	<0.025	<0.025
	Cutting	10	SEIL691002BH5-10	9/10/02	Oil Stained Caliche	600.0	3210	5210	8420	163.46	8.860	34.100	35.100
	Probe	15	SEL691002BH5-15	9/10/02	Brown Coarse Sand	542.0	7730	9010	16740	294.4	16.100	67.400	71.000
BH5	Probe	20	SEL691002BH5-20	9/10/02	Brown Coarse Sand	753.0	7580	9130	16710	294.3	11.500	64.600	68.400
	Probe	25	SEL691002BH5-25	9/10/02	Tan Coarse Sand	750.0	1340	2400	3740	26.992	0.192	3.570	6.210
	Probe	30	SEL691002BH5-30	9/10/02	Sandy Red Clay	10.4	<10	<10	ŊŊ	QN	<0.025	<0.025	<0.025
	Probe	5	SEL691102BH6-5	9/11/02	Tan Coarse Sand	3.1	<10	<10	ND	ND	<0.025	<0.025	<0.025
BH6	Probe	10	SEL691102BH6-10	9/11/02	Brown Caliche Sand	3.0	<10	<10	ND	ND	<0.025	<0.025	<0.025
	Probe	15	SEL691102BH6-15	9/11/02	Brown Coarse Sand	1.6	<10	<10	ŊŊ	ND	<0.025	<0.025	<0.025
	Probe	5	SEL691102BH7-5	9/11/02	Tan Coarse Sand	1.6	<10	<10	ND	ND	<0.025	<0.025	<0.025
BH7	Probe	10	SEL691102BH7-10	9/11/02	Tan Coarse Sand	0.8	<10	<10	ND	ND	<0.025	<0.025	<0.025
	Probe	15	SEL691102BH7-15	9/11/02	Tan Coarse Sand	0.3	<10	<10	ND	ND	<0.025	<0.025	<0.025
	Probe	5	SEL691102BH8-5	9/11/02	Tan Coarse Sand	1.7	<10	<10	QZ	ΟN	<0.025	<0.025	<0.025
BH8	Probe	10	SEL691102BH8-10	9/11/02	Brown Caliche Sand	1.2	<10	<10	QZ	ΟN	<0.025	<0.025	<0.025
	Probe	15	SEL691102BH8-15	9/11/02	Tan Coarse Sand	0.8	<10	<10	ND	ND	<0.025	<0.025	<0.025
				W	ethod Detection Limit		10	10			0.025	0.025	0.025
			Remedial Goa	s for soil from	the surface to ~8'bgs	100.0			1000	50.0000	10.0000		
		Re	smedial Goals for soil from	~8'bgs to the g	roundwater at ~58'bgs	100.0			100	50.0000	10.0000		
100 ppm Isobutylene	calibration ga	s = 101 ppm						⁵ TPH-Total I	etroleum Hy	drocarbon =	GRO+DRO.		i 1
¹ bgs – below ground	surface							na - not anal	yzed				
² VOC-Volatile Orga	nic Contamina	unts/Constitue	ants					BTEX - Ma	ss sum of b	enzene, tolu	iene, ethylb	enzene, anc	xylenes
³ GRO-Gasoline Ran	ge Organics C	5-C ₁₂						ND - not det	ected above t	he method de	tection limit.		
⁴ DRO-Diesel Range	Organics C ₁₂ -1	C ₃₅											

					Plains Al Hugh Ga	ll America thering #	an Pipelii £2002-102	1e 35					
				S	oil Boring Delinea	tion Data	Westsid	e of NMS	SR 18				
Sample Location	Sample	Sampling Interval	SAMPLE ID#	Date	Lithology	VOC Headspace	GRO ³	DRO⁺	² HqT	BTEX ⁹	Benzene	Toluene	Ethylbenzene
	Dete	(FT. BGS ¹)	0110001107	0.111.00		bpm mdd	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
	Probe	15	SEL691102BH9	9/11/02	I.t. Brown Oily Sand	863	1220	1500	2720	80.76	2.36	111	17.7
BH9	Probe	20'	SEL691102BH9	9/11/02	Lt. Brown Oily Sand	50.4	<10.0	<10.0	<10.0	127	< 0.025	< 0.025	0.031
	Probe	25'	SEL691102BH9	9/11/02	Lt. Brown Oily Sand	6.9	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	< 0.025
	Probe	S:	SEL691202BH10	9/12/02	Brown Oily Sand	828	7560	7030	14590	507.7	43.9	160	99
	Probe	0]	SEL691202BH10	9/12/02	Brown Oily Sand	857	22000	25100	47100	1030	101	325	197
	Probe	20,	SEL091202BH10 SEL691202BH10	9/12/02	Brown Oily Sand Prod	100	15300	15800	31100	801 1	101	252	146
	Prohe	25	SEL691202BH10	9/12/02	Brown Oily Sand	573	12000	11400	23400	716.5	66.2	234	132
BH10	Probe	30,	SEL691202BH10	9/12/02	Brown Sandy Clay	647	13800	14400	28200	855.5	80.5	271	164
	Probe	35'	SEL691202BH10	9/12/02	Red Clay	400	10600	12300	22900	484.8	35.6	143	98.1
	Probe	40'	SEL691202BH10	9/12/02	Red Clay	386	16400	16400	32800	900.9	90.9	285	168
	Probe	45'	SEL691202BH10	9/13/02	Red Clay	800	3480	3970	7450	345.8	25.7	109	66.4
	Probe	50'	SEL691202BH10	9/13/02	Red Clay	72.4	15.3	21.9	37.2	<0.025	<0.025	<0.025	<0.025
	Probe	55'	SEL691202BH10	9/13/02	Red Clay	7.8	<10.0	<10.0	<10.0	<0.025	<0.02	<0.025	<0.025
	Probe		SEL691602BH11	9/16/02	Lt. Brown Sand	2.8	<10.0	<10.0	< 10.0	<0.02	<0.02	<0.025	C20.0>
BHII	Probe		SEL691602BH11 SEL691602BH11	9/16/02	Lt. Brown Sand	2.5	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025
	Probe	<u>_</u>	SEL091002D1111 SEL 601602BH12	9/16/02	LL, DIOWII SAHU Recure Oily Seed & RE	1157	0740	2840	<10.0 5580	C2U.U~	1 1 1	520.0~	5 20.02
	Prohe	- ici	SEL691602BH12	9/16/02	Brown Oily Sand & MA	080	4500	5040	10430	272.8	11.8	603	45.7
BH12	Probe	15,	SEL691602BH12	9/16/02	Lt. Brown Sand	74.8	<10.0	<10.0	<10.0	0.121	<0.025	0.028	0.03
	Probe	20'	SEL691602BH12	9/16/02	Lt. Brown Sand	2.1	<10.0	<10.0	<10.0	0.182	<0.025	0.045	0.038
	Probe	5'	SEL691602BH13	9/16/02	Lt. Brown Sand	0.7	<10.0	<10.0	<10.0	1.020	0.026	0.164	0.188
BH13	Probe	10'	SEL691602BH13	9/16/02	Lt. Brown Sand	1.6	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	< 0.025
	Probe	15'	SEL691602BH13	9/16/02	Lt. Brown Sand	1.4	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025
	Probe	s,	SEL691602BH14	9/16/02	Lt. Brown Sand & Rk	8.4	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025
BH14	Probe	10'	SEL691602BH14	9/16/02	Lt. Brown Sand	6.1	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	< 0.025
	Probe	<u>.</u>	SEL691602BH14 CET 201707BL11E	9/16/02	Lt. Brown Sand	5.5 005.0	<10.0	<10.0	<12030	620.0>	<0.020	<0.025	<0.025
	Probe	<u>, io</u>	SEL091 /02DH15 SEI 601709RH15	9/11/02	Brown Sand & Bb	0.60%	10600	1970	16030	1560.1	59.8 07 1	296	248
BHI5	Prohe	2	SEL601702BH15	9/17/02	1 r Brown Sand	0.11.U	<10.0	010 010	016	1.0002	<0.025	2/2	4/4 <0.025
	Probe	20,	SEL691702BH15	9/17/02	Lt. Brown Sand	6.2	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025
	Probe	5.	SEL691702BH16	9/17/02	Brown Sand	786.0	3950	4000	7950	188.57	5.37	43.2	35.9
	Probe	10'	SEL691702BH16	9/17/02	Lt. Brown Sand	642.0	7630	7860	15490	488	28.2	140	98.0
	Probe	15'	SEL691702BH16	9/17/02	Lt. Brown Sand	818.0	11400	12100	23500	598.4	27.9	187	120
BH16	Probe	20'	SEL691702BH16	9/17/02	Brown Sand	814.0	8880	9780	18660	565.1	36.1	161	107
	Probe	25'	SEL691702BH16	9/17/02	Brown Sand	774.0	7520	8950	16470	19.11	<0.200	2.72	5.37
	Probe	90	SEL691 /02BH16	9/17/02	Ked Clay	8.7	<10.0	<10.0	<10.0	0.413	<0.025	0.063	0.09
	Probe	35'	SEL691702BH16	9/17/02	Red Clay	7.8	<10.0	<10.0	<10.0	0.5520	<0.025	0.100	0.100
					Method Detection Limit	0.00	10	10	000	0000	0.025	0.025	0.025
			Demedial Cools for soil f	UOAIS IOT SOIL	trom the surface to ~8 bgs	100.0			100	50.000	10.000		
			Remedial Goals for soll I	rom ~o ogs to	the groundwater at ~25 bgs	100.0			100	50.0000	10.0000		
100 ppm Isobutylen	e calibration gas :	= 101 ppm						TPH-Total I	Petroleum Hy	drocarbon =	GRO+DRO.		
¹ bgs - below ground	surface							na - not anal	yzed				
² VOC-Volatile Org	anic Contaminant	ts/Constituents	s					BTEX - Ma	iss sum of b	enzene, toli	uene, ethylbe	enzene, anc	xylenes
GRO-Gasoline Rar	ige Organics C ₆ -(112						ND - not det	ected above t	he method de	stection limit.		
[*] DRO-Diesel Range	Organics C ₁₂ -C ₃ .	5											

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T PLAINS

STAGE 1 & 2 ABATEMENT PLAN (REVISED) HUGH GATHERING 090402 #2002-10235

36



ANALYTICAL REPORT

Prepared for:

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

 Project:
 Linman 6"

 PO#:
 2002-10235

 Order#:
 G0204500

 Report Date:
 09/18/2002

<u>Certificates</u> US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706 915-684-3456 Order#:G0204500Project:2002-10235Project Name:Linman 6"Location:None Given

D.4. (D)

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

D-4- / m:--

				Date / III	ile i	Date / Thire		
<u>Lab ID:</u>	Sample :	Matrix:		Collected	1.	Received	Container	Preservative
0204500-01	SEL69902BH1-10	SOIL		9/9/02		9/12/02	4 oz glass	Ice
				9:00		10:55		
La	ub Testing:	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204500-02	SEL69902BH1-15'	SOIL		9/9/02		9/12/02	4 oz glass	lce
· In	. Tanting	Delected	No	9:20	т	10:55		
<u>La</u>	<u>o resung:</u>	Rejected:	NO		l'emp:	1.0 C		
	8015M							
	8021B/5030 BTEX		_~					
0204500-03	SEL69902BH1-20'	SOIL		9/9/02		9/12/02	4 oz glass	Ice
				9:40		10:55		
La	<u>b Testing:</u>	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204500-04	SEL69902BH2-5'	SOIL		9/9/02		9/12/02	4 oz glass	Ice
0204300-04				11:30		10:55	Ũ	
La	<u>b Testing:</u>	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204500-05	SEL69902BH2-10	SOIL		9/9/02		9/12/02	4 oz glass	lce
				11:45		10:55		
La	<u>b Testing:</u>	Rejected:	No		Temp:	1.0 C		
	8015M							
·	8021B/5030 BTEX							
0204500.06	SEL69902BH2-15'	SOIL		9/9/02		9/12/02	4 oz glass	lce
0204300-00				12:00		10:55		
La	<u>b Testing:</u>	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204500-07	SEL69902BH3-5'	SOIL		9/9/02		9/12/02	4 oz glass	Ice
				13:00		10:55	-	
La	<u>b Testing:</u>	Rejected:	No		Temp:	1.0 C		
EN	VIRONMENTAL LAB O	F TEXAS I.	LTD.	12600 W	est I-2	0 East. Odes	sa. TX 79765 Ph:	915-563-1800

p.2

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

915-684-3456

Order#:G0204500Project:2002-10235Project Name:Linman 6"Location:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u> 8015M 8021B/5030 BTEX	<u>Matrix:</u>		Date / Tir <u>Collecte</u>	me] d	Date / Timc <u>Received</u>	<u>Container</u>	Preservative
0204500-08	SEL69902BH3-10'	SOIL		9/9/02 13:35		9/12/02 10:55	4 oz glass	Ice
<u>La</u>	<u>b Testing:</u> 8015M 8021B/5030 BTEX	Rejected:	No		Temp	: 1.0 C		
0204500-09	SEL69902BH3-15'	SOIL		9/9/02 14:00		9/12/02 10:55	4 oz glass	Ice
<u>La</u>	a <u>b Testing:</u> 8015M 8021B/5030 BTEX	Rejected:	No		Temp	: 1.0 C		

ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204500
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given

Lab ID: Sample ID: 0204500-01 SEL69902BH1-10'

TOTAL, C6-C35

aple	D:	SEL

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/13/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 10	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Resu mg/k	ılt sg	RL	
	GRO, C6-C12		958	0	100	
	DRO, >C12-C35		991	0	100	

8015M

8021B/5030 BTEX

19490

100

Method <u>Blank</u> 0003173-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02 22:15	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 200	<u>Analyst</u> CK	<u>Method</u> 8021B
	Parameter		Resu	lt	RL	
	Benzene		39,1		0.200	
ĺ	Ethylbenzene		102		0.200	
	Toluene		96.4	<u> </u>	0.200	
	p/m-Xylene		130		0.200	
	o-Xylene		58.1		0.200	

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	1090%	80	120
Bromofluorobenzene	132%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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FRANK HERNANDEZ	Order#:	G0204500
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given

Lah ID:	
Sample ID:	

SEL69902BH1-15'

0204500-02

8015M							
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/13/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 10	<u>Analyst</u> CK	<u>Method</u> 8015M	
	Parameter		Resu mg/k	lt g	RL		
	GRO, C6-C12		6850)	100		
	DRO, >C12-C35	······································	7480)	100		
	TOTAL, C6-C35		1433	0	100		

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0003173-02	9/14/02 . 22:38		ł	200	СК	8021B
	Parameter		Resu mg/k	ılt <g< td=""><td>RL</td><td></td></g<>	RL	
	Benzene		18.4	4	0.200	
	Ethylbenzene		70.8	8	0.200	
	Toluene	oluene		2	0.200	
	p/m-Xylene		96.9	9	0.200	

Surrogates	% Recovered	QC Limits (%	
aaa-Toluene	762%	80	120
Bromofluorobenzene	125%	80	120

41.4

0.200

-

o-Xylene

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204500
ENRON TRANSPORTATION SYSTEM	AS Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given
Lab ID: 0204500-03		

Lab ID: Sample ID:

SEL69902BH1-20'

8015M							
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/13/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 10	<u>Analyst</u> CK	Method 8015M	
	Parameter		Resul mg/kg	t	RL		
	GRO, C6-C12		5370		100		
	DRO, >C12-C35	·	6370		100		
	TOTAL, C6-C35		1174	0	100		

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0003173-02		9/14/02 23:00	1	200	СК	8021B
	Parameter		Rest mg/l	ult kg	RL	
	Benzene		7.8	3	0.200	
	Ethylbenzene		41.	5	0.200	
	Toluene		50.	1	0.200	
	p/m-Xylene		81.	2	0.200	
	o-Xylene		33.	1	0.200	

Surrogates	% Recovered	QC Limits (%	
aaa-Toluene	605%	80	120
Bromofluorobenzene	129%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS I, LTD.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706			Order#: Project: Project Name Location:	G026 2002 e: Lian None	94500 -10235 1an 6" 9 Given		
Lab ID: Sample ID:	0204500-04 SEL69902BH2-5	1					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Datc <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35	.	<10.0		10.0	
	Method <u>Blank</u>	Date <u>Prepared</u>	80211 Date <u>Analyzed</u>	B/5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
	0003173-02		9/15/02 0:29	1	25	СК	8021B
		Parameter		Result mg/kg		RL	
		Benzene		<0.025		0.025	
		Ethylbenzene		<0.025		0.025	
		Toluene		<0.025		0.025	
		p/m-Xylene		<0.025		0.025	
		o-Xylcne		<0.025		0.025	
		Surroga	tes	% Recovered	QC Lim	its (%)	
		aaa-Toluene		104%	80	120	
		Bromofluoro	benzene	104%	80	120	

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ENVIRONMENTAL LAB OF TEXAS I, LTD.

ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204500
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given

Lab ID: Sample 1D:

0204500-05 SEL69902BH2-10'

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/13/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Result mg/kg		RL	
	GRO, C6-C12		<10.0		10.0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0		10.0	
	1		and the second sec			

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003173-02	<u></u>	9/15/02	1	25	СК	8021B
		0:51				

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluenc	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	100%	80	120	
Bromofluorobenzene	105%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204500
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given

Lab ID: Sample ID: 0204500-06 SEL69902BH2-15'

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/13/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Resul mg/kg	t s	RL	
	GRO, C6-C12		<10.0)	10,0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0)	10.0	

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	Prenared	Analyzed	Amount	Factor	Analyst	Method
0003173-02		9/15/02	1	25	СК	8021B
		1:13				

Parameter	Result mg/kg	RL.
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%		
aaa-Toluene	100%	80	120	
Bromofluorobenzene	106%	80	120	

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FRANK HERNANDEZ	Order#:	G0204500
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given

Lab ID:	0204500-07
Sample ID:	SEL69902BH3-5'

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Aualyzed</u> 9/13/02	Sample <u>Amount</u> I	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Resul mg/kg	lt g	RL	
	GRO, C6-C12		<10.0)	10.0	
	DRO, >C12-C35		<10.0	, – † –	10.0	

8021B/5030 BTEX

<10.0

10.0

Method	Date	Date	Sample	Dilution		
Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
0003173-02		9/15/02	1	25	СК	8021B
		1:35				

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	91%	80	120
Bromofluorobenzene	97%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

TOTAL, C6-C35

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

ENRON TRANSP(5805 E. HWY. 80 MIDLAND, TX 7	IDEZ ORTATION SYSTI 19706	EMS		Order#: Project: Project Nam Location;	G020 2002- e: Linm None	4500 10235 an 6" Given	
Lab ID:	0204500-08						
Sample ID:	SEL69902BH3-1	0'					
	Method	Date	Date	Sample	Dilution		
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
			9/13/02	1	1	СК	8015M
		Parameter		Result mg/kg	:	RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
		TOTAL. C6-C35		-10.0	,	10.0	
		l	<u> </u>	<10.0		10.0	
	Method <u>Blank</u>	Date Prepared	8021B Date <u>Analyzed</u>	/5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
-	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u>	8021B Date <u>Aualyzed</u> 9/15/02 1:57	2/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	<u>Analyst</u> CK	Method 8021B
	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u> Parameter	8021B Date <u>Analyzed</u> 9/15/02 1:57	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilution Factor 25	<u>Analyst</u> CK RL	<u>Method</u> 8021 B
	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u> Parameter Benzene	8021B Date <u>Analyzed</u> 9/15/02 1:57	<10.0 <p>5030 BTEX Sample <u>Amount 1 Result mg/kg <0.025 </u></p>	Dilution <u>Factor</u> 25	Analyst CK RL 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003173-02	Date Prepared Parameter Benzene Ethylbenzene	8021B Date <u>Aualyzed</u> 9/15/02 1:57	10.0 2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025	Dilution <u>Factor</u> 25	Analyst CK RL 0.025 0.025	<u>Method</u> 8021 B
-	Method <u>Blank</u> 0003173-02	Date Prepared Parameter Benzene Ethylbenzene Toluene	8021B Date <u>Analyzed</u> 9/15/02 1:57	<10.0 2/5030 BTEX Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025	<u>Method</u> 8021 B
	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021B Date <u>Analyzed</u> 9/15/02 1:57	<10.0 2/5030 BTEX Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025	<u>Method</u> 8021 B
	Method <u>Blank</u> 0003173-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/15/02 1:57	<10.0 2/5030 BTEX Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003173-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/15/02 1:57	<10.0 2/5030 BTEX Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003173-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc o-Xylene Surrogs aaa-Toluen	8021B Date <u>Analyzed</u> 9/15/02 1:57	<10.0 2/5030 BTEX Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B

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ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

FRANK HERNANDEZ		Order#:	G0204500	
ENRON TRANSPORTATION SYSTEMS		Project:	2002-10235	
5805 E. HWY. 80		Project Name:	Linman 6"	
MIDLAND, TX 79706		Location:	None Given	
Lab ID: Sample ID:	0204500-09 SEL69902BH3-15'		· · · · · · · · · · · · · · · · · · ·	

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/13/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Result mg/kg		RL	
	GRO, C6-C12		<10.0		10.0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0		10.0	

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
Blank	Prepared	Analyzed	Amount	Factor	Analyst	Method
0003173-02		9/15/02	1	25	СК	8021B
		2:19				
_						

Parameter	Result mg/kg	RL.
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%				
aaa-Toluene	107%	80	120			
Bromofluorobenzene	112%	80	120			

9-19-02 Approval: Date

Raland K. Tuttle, Lab Director, QA Officer Celey D. Kecne, Org. Tech. Director Jeanne McMurrey, Inorg. Tech. Director Sandra Biezugbe, Lab Tech. Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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QUALITY CONTROL REPORT

8015M

Order#: G0204500

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003146-02			<10.0		· · · · · · · · · · · · · · · · · · ·
TOTAL, C6-C35-mg/kg		0003147-02		1	<10.0	1	
MS	SOII.	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0204496-07	38.1	1053,86	1130	103.6%	
TOTAL, C6-C35-mg/kg		0204500-04	0	1101.46	1080	98.1%	
MSD	SOIL	LAB-ID #	Sample Concentr,	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0204496-07	38.1	1053.86	1120	102.7%	0.9%
TOTAL, C6-C35-mg/kg		0204500-04	1080	1101.46	1100	99.9%	1.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003146-05		0001	995	99.5%	
TOTAL, C6-C35-mg/kg		0003147-05		1000	1040	104.%	

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

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ENVIRONMENTAL LAB OF TEXAS QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204500

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003173-02			<0.025		
Ethylbenzene-mg/kg		0003173-02			<0.025		
Tolucne-mg/kg		0003173-02	·		<0.025		
p/m-Xylene-mg/kg		0003173-02			<0.025		
o-Xylene-mg/kg		0003173-02		1	<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204501-08	0	0.1	0.094	94.%	
Ethylbenzene-mg/kg		0204501-08	0	0.1	0.096	96.%	
Toluene-mg/kg		0204501-08	0	0.1	0.096	96.%	
p/m-Xylene-mg/kg		0204501-08	0	0.2	0.198	99.%	
o-Xylene-mg/kg		0204501-08	0	0.1	0.095	95.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204501-08	0.094	0.1	0.093	93.%	1.1%
Ethylbenzene-mg/kg		0204501-08	0.096	0.1	0.093	93.%	3.2%
Toluene-mg/kg		0204501-08	0.096	0.1	0.096	96.%	0.%
p/m-Xylene-mg/kg		0204501-08	0.198	0.2	0.193	96.5%	2.6%
o-Xylene-mg/kg		0204501-08	0.095	0,1	0.093	93.%	2.1%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003173-05	••	0.1	0.086	86.%	
Ethylbenzenc-mg/kg		0003173-05		0.1	0.085	85.%	
Toluene-mg/kg		0003173-05		0.1	0.085	85.%	
p/m-Xylene-mg/kg		0003173-05		0.2	0.174	87.%	
o-Xylene-mg/kg		0003173-05		0.1	0.085	85.%	

CASE NARRATIVE ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Order#: G0204500

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman 6"

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SEL69902BH1-10'	0204500-01	SOIL	09/09/2002	09/12/2002
SEL69902BH1-15'	0204500-02	SOIL	09/09/2002	09/12/2002
SEL69902BH1-20'	0204500-03	SOIL	09/09/2002	09/12/2002
SEL69902BH2-5'	0204500-04	SOIL	09/09/2002	09/12/2002
SEL69902BH2-10'	0204500-05	SOIL	09/09/2002	09/12/2002
SEL69902BH2-15'	0204500-06	SOIL	09/09/2002	09/12/2002
SEL69902BH3-5'	0204500-07	SOIL	09/09/2002	09/12/2002
SEL69902BH3-10'	0204500-08	SOIL	09/09/2002	09/12/2002
SEL69902BH3-15'	0204500-09	SOIL	09/09/2002	09/12/2002

The surrogate recoveries are higher than the control limits on samples 1-3 because of interference from coeluting compounds.

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Raland K Jikul) Environmental Lab of Texas I, Ltd.

Date:

9-19-02

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		ECORD AND ANAL YSIS REQUE	Linnan 6"	2002 - 10735					Analyze For		Contractions and the second se	X	X	X	×	×		X	×	X		plo Containers Intact? Y Derature, Upoin Recerct:		Lee 1.0 2	
		CHAIN OF CUSTODY R	Project Name	Project #:	Project Lac:	1 ** Od				Matrix	المعادر (Appendia (Appendia (Appendia) Appendia) Appendia (Appendia) Appendia) Appendia (Appendia) Appendia (Appendia) Appendia (Appendia) Appendia) Appendia (Appendia) Appendia) Appendia (Appendia) Appendia) Appendia) Appendia (Appendia) A	×	X	×	x	へ 	×	×	X	x		Samp Temp	Uales Law		Date Time 9-72-02 1055
	<u> </u>	-	ernonder	A.			505, 3905 06			Preservative	No. of Containers اور ۱۹۹۵	×	X	×	1 X	× -		×	X	X I					Q
			Frank H.	The So		*	Fax No.	1			bəlqms2 ətsQ - belqms2 emiT	7.02 7.00	-02 9:30	03 9.40	92 11:30	-02 11:45	02:21 20.	03 1:00	02 1:35	03 2:00			ed tyy	ed Mille	ul. dr Ju
	^r Texas, Inc	915-563-1800 915-563-1713	1 classend	attal Plus	0	N. ~ 8833	18 h	Elle -				-10' 9-9	-15' 9-9	20' 9-9-	5' 9-9.	-6' 9-9.	15, 9.9.	.5 9.9	-10' 9-9.	15' 99.			the Time Receiv	lar 3:00	
	ntal Lab of	Phone: Fax:	Jer: Jar ha	me Euluhander	ss. 2100 Av	ZID: 500,00	No: 505: 394.3	I. Drodley			FIELD CODE	5EL6992341	EL69902BH1	EL69902BH1-	5669902842	EL69902 BHJ	2469902042	EL69902HD.	EL699020H3	EL 69902 BH3.			- [N	01/0 m	
<i></i>	Environn	12600 West I-20 East Odessa, Texas 79763	Project Manaç	, Company Na	Company Addre	City/State/2	Telephone	Sampler Signatu			OLOUSOO OLOUSOO	6	07 20	8 2	2 ho	8	00 J	1 7	8	64	Creek and a second s	opecial instructions:	Hetinquished by	Hadly Alen	Buy Mele



ANALYTICAL REPORT

Prepared for:

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FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman 6"

PO#: 2002-10235

Order#: G0204501

Report Date: 09/18/2002

<u>Certificates</u> US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706 915-684-3456

Order#:G0204501Project:2002-10235Project Name:Linman 6"Location:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

				Date / Ti	me	Date / Time		
<u>Lab ID:</u>	Sample :	<u>Matrix:</u>		<u>Collecte</u>	d	Received	<u>Container</u>	Preservative
0204501-01	SEL691002BH4-5	SOIL		9/10/02		9/12/02	4 oz glass	Ice
				8:00		10:55		
Le	<u>ab Testing:</u>	Rejected:	No		Temp	: 1.0 C		
	8015M							
	8021B/5030 BTEX							
0204501-02	SEL691002BH4-10	SOIL		9/10/02		9/12/02	4 oz glass	Ice
				8:15		10:55		
- <u>La</u>	ab Testing:	Rejected:	No		Temp	: 1.0 C		
	8015M							
	8021B/5030 BTEX							
0204501-03	SEL691002BH4-15'	SOIL		9/10/02		9/12/02	4 oz glass	Ice
0201001 05				8:35		10:55	_	
La	ib Testing:	Rejected:	No		Temp	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204501-04	SEL691002B115-10	SOIL		9/10/02		9/12/02	4 oz glass	Ice
ULCHOUL OF				9:30		10:55	-	
La	ib Testing:	Rejected:	No		Temp:	: 1.0 C		
	8015M							
	8021B/5030 BTEX							
0204501_05	SEL691002BH5-15	SOIL		9/10/02		9/12/02	4 oz glass	Ice
0204301-03				10:00		10:55		
La	<u>ıb Testing:</u>	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204501_06	SEL691002BH5-20'	SOIL		9/10/02		9/12/02	4 oz glass	lce
0204301-00				11:00		10:55	Ū.	
La	ub Testing:	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204501-07	SEL691002BH5-25'	SOIL		9/10/02		9/12/02	4 oz glass	Ice
0.0404001-07				12:30		10:55		
<u>La</u>	<u>ıb Testing:</u>	Rejected:	No		Temp:	1.0 C		
				<i>.</i>				

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ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706 915-684-3456 Order#:G0204501Project:2002-10235Project Name:Linman 6"Location:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	<u>Sample :</u> 8015M 8021B/5030 BTEX	<u>Matrix:</u>	Date / Time <u>Collected</u>	Date / Time <u>Received</u>	Container	Preservative
204501-08	SEL691002BH5-30	SOIL	9/10/02 13:40	9/12/02 10:55	4 oz glass	Ice
	<u>b Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No	Tem	p: 1.0 C		

ANALYTICAL REPORT

Order#:	G0204501	
Project:	2002-10235	
Project Name:	Linman 6"	
Location:	None Given	
		·····
	Order#: Project: Project Name: Location:	Order#: G0204501 Project: 2002-10235 Project Name: Linman 6'' Location: None Given

Lab ID: Sample ID: 0204501-01 SEL691002BH4-5'

			801 SIVI			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	Method 8015M
ſ	Parameter		Resu	ılt	RL	

1 arameter	mg/kg	
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
1'OTAL, C6-C35	<10.0	10.0

8021B/5030 BTEX

Method <u>Blank</u> 0003173-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/15/02 2:41	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
	Parameter	· · · · · · · · · · · · · · · · · · ·	Resi mg/l	ılt «g	RL	
	Benzene		<0.0	25	0.025	
	Ethylbenzene		<0.0	25	0.025	
	Toluene		<0.0	25	0.025	

<0.025 <0.025 0.025

0.025

Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	100%	80	120	
Bromofluorobenzene	105%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

p/m-Xylene

o-Xylene

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ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706				Order#: Project: Project Nam Location:	G020 2002 e: Linr None	94501 -10235 nan 6" e Given	
Lab ID: Sample ID;	0204501-02 SEL691002BH4-1	10'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method
			9/14/02	1	1	СК	8015M
		Parameter		Resul mg/kg	t	RL	1
		GRO, C6-C12		<10.0		10.0	
		5 B A . ALL GAL		.10.0		10.0	
		DRO, >C12-C35		<10.0	·	10.0	
		TOTAL, C6-C35		<10.0	·	10.0	
-	Method Blank	DRO, >C12-C35 TOTAL, C6-C35 Date Prepared	8021E Date Analyzed	<10.0 <10.0	Dilution Factor	10.0	Method
-	Method <u>Blank</u> 0003173-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u>	8021E Date <u>Analyzed</u> 9/15/02 3:03	<10.0 <10.0 8/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	10.0 10.0 <u>Analyst</u> CK	Method 8021B
-	Method <u>Blank</u> 0003173-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u> Parameter	8021E Date <u>Analyzed</u> 9/15/02 3:03	<10.0 <10.0 S/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilution <u>Factor</u> 25 t	10.0 10.0 <u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u> Parameter Benzene	8021E Date <u>Analyzed</u> 9/15/02 3:03	<10.0 <10.0	Dilution <u>Factor</u> 25 t	10.0 10.0 <u>Analyst</u> CK RL 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 00 0 3173-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzenc	80211 Date <u>Analyzed</u> 9/15/02 3:03	<10.0 <10.0 <10.0 8/5030 BTEX Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025	Dilution <u>Factor</u> 25 t	10.0 10.0 <u>Analyst</u> CK RL 0.025 0.025	<u>Method</u> 8021B
~	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u> Parameter Renzene Ethylbenzenc Toluene	8021E Date <u>Analyzed</u> 9/15/02 3:03	<10.0 <10.0 <10.0 Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025	Dilution <u>Factor</u> 25 t	10.0 10.0 <u>Analyst</u> CK RL 0.025 0.025 0.025	Method 8021B
-	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzenc Toluene p/m-Xylenc	8021E Date <u>Analyzed</u> 9/15/02 3:03	<10.0	Dilution <u>Factor</u> 25 t 5 5 5	10.0 10.0 <u>Analyst</u> CK RL 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003173-02	Date Prepared Parameter Renzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021E Date <u>Analyzed</u> 9/15/02 3:03	<10.0 <10.0	Dilution <u>Factor</u> 25 t 5 5 5 5	Analyst CK RL 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003173-02	Date Prepared Parameter Benzene Ethylbenzenc Toluene p/m-Xylene o-Xylene Surroga	8021E Date <u>Analyzed</u> 9/15/02 3:03		Dilution Factor 25 t 5 5 5 5 5 5 7 7 7 7 7 7 7 7 7 7 7 7	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzenc Toluene p/m-Xylenc o-Xylenc Surroga aaa-Toluene	8021E Date <u>Analyzed</u> 9/15/02 3:03	<10.0 <10.0 <10.0 S/5030 BTEX Sample <u>Amouat</u> 1 I Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution <u>Factor</u> 25 t 5 5 5 5 5 5 5 5 5 5	Analyst 10.0 Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204501	
5805 E. HWY. 80	Project: Project Name:	2002-10235 Linman 6"	
MIDLAND, TX 79706	Location:	None Given	
Lab ID: 0204501-03			

Sample	D:

SEL691002BH4-15'

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	Method 8015M
	Parameter		Result mg/kg		RL	
	GRO, C6-C12		<10.0		10.0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0		10.0	

8021B/5030 BTEX

Method <u>Blank</u> 0003173-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/15/02 3:25	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
	Parameter		Result mg/kg		RL	
	Benzene		<0.025		0.025	
	Ethylbenzene		<0.025		0.025	
	Toluene		<0.025		0.025	
	p/m-Xylene		<0.025		0.025	

<0.025

0.025

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Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	92%	80	120	
Bromofluorobenzene	99%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

o-Xylene

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDE ENRON TRANSPOR 5805 E. HWY. 80 MIDLAND, TX 7970	Z FATION SYST) 6	EMS		Order#: Project: Project Name Location:	G020 2002 : Lini None)4501 -10235 nan 6" e Given	
Lab ID: 0	204501-04						
Sample ID: S	EL691002BII5-	10'					
				8015M			
	Method	Date	Date	Sample	Dilution	I	
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
			9/14/02	1	10	СК	8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		3210		100	
		DRO, >C12-C35		5210		100	
		TOTAL, C6-C35		8420		100	
	Method <u>Blank</u>	Date <u>Prepared</u>	80211 Date <u>Analyzed</u>	B/5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method
	0003173-02		9/15/02 3:47	1	100	СК	8021B
		Parameter		Result mg/kg		RL	
		Benzene		8.86		0.100	
		Ethylbenzene		35.1		0.100	
		Toluene		34.1		0.100	
		p/m-Xylene		57.1		0.100	
		37 1				0.100	
		o-Xylene		28.3	l		
		o-Xylene		28.3	l		
		o-Xylene Surrogat	es	28.3 % Recovered	QC Lin	uits (%)	
		Surrogat aaa-Toluene	es	28.3 % Recovered 846%	QC Lin	uits (%) 120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204501
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location;	None Given

Lab ID: Sample ID: 0204501-05 SEL691002BH5-15'

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 10	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Resu mg/kg	lt g	RL	
	GRO, C6-C12		7730)	100	
	DRO, >C12-C35		9010)	100	
	TOTAL, C6-C35		16740)	100	

8021B/5030 BTEX

		00222				
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0003173-02	1	9/15/02 4:09	1	100	CK	8021B
	Parameter		Result mg/kg		RL	
	Benzene		16.1		0.100	
	Ethylbenzene		71.0		0.100	
	Toluene		67.4		0.100	
	p/m-Xylene		96.2		0.100	
	o-Xylene	······································	43.7		0.100	
	· · · · · · · · · · · · · · · · · · ·	the second s	·····		and the second	

Surrogates	% Recovered	QC Limits (%		
aaa-Toluene	1400%	80	120	
Bromofluorobenzene	163%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNAND ENRON TRANSPO 5805 E. IIWY. 80 MIDLAND, TX 79'	EZ RTATION SYSTI 706	EMS		Order#: Project: Project Name Location:	G02 2002 :: Lint None	04501 2-10235 man 6" c Given	
Lab ID: Sample ID:	0204501-06 SEL691002BH5-	20'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilutior <u>Factor</u> 10	n <u>Analyst</u> CK	Method 8015M
		Parameter		Result mg/kg	t	RL	
		GRO, C6-C12		7580		100	
		DRO, >C12-C35		9130		100	
		TOTAL, C6-C3	5	16710		100	
-			8021E	3/5030 BTEX			
	Method	Date	Date	Sample	Dilution	1	
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	<u>Method</u>
	0003173-02	,	9/15/02 4:32	1	100	СК	8021B
		Parameter		Result mg/kg	:	RL	
		Benzene		11.5		0.100	
		Ethylbenzene		68.4		0.100	
		Toluene		64.6		0.100	
		p/m-Xylene		103		0.100	
		o-Xylene		40.8	l	0.100	
		Surrog	ates	% Recovered	QC Lin	nits (%)	
		aaa-Toluer	le	1280%	80	120	
				4000/	00	400	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	Order#: Project: Project Name Location:	G020 2002 ; Linr None	94501 -10235 nan 6'' e Given				
Lab ID:	0204501-07						
Sample ID:	SEL691002BH5-	-25'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
			9/14/02	1	1	СК	8015M
		Parameter		Result mg/kg		RL.	
		GRO, C6-C12		1,340	:	10.0	
		DRO, >C12-C35		2,400		10.0	
		TOTAL, C6-C35		3,740		10.0	
	Method <u>Blank</u> 0003173-02	Date <u>Prepared</u>	8021B Date <u>Analyzed</u> 9/15/02 4:54	2/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
		Parameter		Result mg/kg		RL	
		Benzene		0.192		0.025	
		·····					

Ethylbenzene	6.21	0.025
Toluene	3.57	0.025
p/m-Xylenc	11.9	0.025
o-Xylene	5.12	0.025
·····		

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	165%	80	120
Bromofluorobenzene	168%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HEKNA ENRON TRANS 5805 E. HWY. 80 MIDLAND, TX		Order#: Project: Project Name Location:	G0 200 :: Lh Noi	204501)2-10235 nm×n 6'' ne Given				
Lab ID: Sample ID:	0204501-08 SEL691002BH5-3	0'						
				8015M				
	Method Blank	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilutio <u>Facto</u> 1	n <u>r Analyst</u> CK	Method 8015M	
				·	•	C.	BORDINE	
		Parameter		Result mg/kg		RL		
		GRO, C6-C12		<10.0		10.0		
		$\frac{\text{DRO, >C12-C35}}{\text{COTAL} - C6-C35}$		<10.0		10.0		
	L	101AL, CO-C35	,	<10.0		10.0		
-			8021 B	R/5030 RTEX				
	Method	Date	Date	Sample	Dilutio	a		
	Blank	Prepared	Analyzed	Amount	Factor	<u>r Analyst</u>	Method	
	0003173-02		9/16/02 10:08	1	25	СК	8021B	
		The second se		Result		DI		
		Parameter		mg/kg				
		Benzene		<0.025		0.025		
		Envidenzene		<0.025		0.025		
	-	v/m Vulano		<0.025		0.025		
	1	o-Xylene		<0.025		0.025		
	L							
		Surrog	rtes	% Recovered	QC Li	mits (%)		
		aaa-Toluen	e	108%	80	120		
		Bromofluor	obenzene	111%	80	120		
				Appro Ralan Celey Jeann Sandr Sara M	oval: d K. Tut D. Keer e McMu a Biezug Molina, I	tle, Lab Director, he, Org. Tech. Dir rrey, Inorg. Tech. the, Lab Tech. Lab Tech.	K Jul 9-18-0 QA Officer Date ector Director	52

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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8015M

Order#: G0204501

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003147-02		· · · · · · · · · · · · · · · · · · ·	<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0204500-04	0	952	1100	115.5%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0204500-04	0	952	1080	113.4%	1.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003147-05		1000	1040	104.%	

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ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204501

RPD	Pct (%) Recovery	QC Test Result	Spike Concentr.	Sample Concentr.	LAB-1D#	SOIL.	BLANK
		<0.025			0003173-02		Benzene-mg/kg
		<0.025			0003173-02	<u> </u>	Ethylbenzene-mg/kg
		<0.025			0003173-02	······	Toluene-mg/kg
		<0.025			0003173-02		p/m-Xylene-mg/kg
		<0.025			0003173-02	- <u>.</u>	o-Xylene-mg/kg
RPD	Pct (%) Recovery	QC Test Result	Spike Concentr.	Sample Concentr.	LAB-ID #	SOIL	MS
	93.%	0.093	0.1	0	0204501-08		Benzene-mg/kg
	93.%	0.093	0.1	0	0204501-08		Ethylbenzene-mg/kg
	96.%	0.096	0.1	0	0204501-08		Toluene-mg/kg
	96.5%	0.193	0.2	0	0204501-08		p/m-Xylene-mg/kg
	93.%	0.093	0.1	0	0204501-08		o-Xylene-mg/kg
RPD	Pct (%) Recovery	QC Test Rcsult	Spike Concentr.	Sample Concentr.	LAB-ID #	SOIL	MSD
1.1%	94.%	0.094	0.1	0	0204501-08		Benzene-mg/kg
3.2%	96.%	0.096	0.1	0	0204501-08		Ethylbenzene-mg/kg
0.%	96.%	0.096	0.1	0	0204501-08		Toluene-mg/kg
2.6%	99.%	0.198	0.2	0	0204501-08		p/m-Xylene-mg/kg
2.1%	95.%	0.095	0.1	0	0204501-08		o-Xylene-mg/kg
RPD	Pct (%) Recovery	QC Test Result	Spike Concentr.	Sample Concentr.	LAB-ID #	SOIL	SRM
	86.%	0.086	0.1		0003173-05		Benzenc-mg/kg
	85.%	0.085	0.1	, , , <u>,</u> ,,	0003173-05		Ethylbenzene-mg/kg
	85.%	0.085	0.1		0003173-05		Toluene-mg/kg
	87.%	0.174	0.2		0003173-05		p/m-Xylene-mg/kg
	85.%	0.085	0.1		0003173-05		o-Xylene-mg/kg
	94.% 96.% 96.% 99.% 95.% Pct (%) Recovery 86.% 85.% 87.% 85.%	0.094 0.096 0.096 0.198 0.095 QC Test Result 0.086 0.085 0.085 0.174 0.085	0.1 0.1 0.1 0.2 0.1 Spike Concentr. 0.1 0.1 0.1 0.1 0.2 0.1	0 0 0 0 Sample Concentr.	0204501-08 0204501-08 0204501-08 0204501-08 0204501-08 LAB-ID # 0003173-05 0003173-05 0003173-05 0003173-05	SOIL	Benzene-mg/kg Ethylbenzene-mg/kg Toluene-mg/kg p/m-Xylene-mg/kg o-Xylene-mg/kg Benzene-mg/kg Ethylbenzene-mg/kg Toluene-mg/kg p/m-Xylene-mg/kg o-Xylene-mg/kg

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CASE NARRATIVE ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Order#:

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman 6"

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SEL691002BH4-5'	0204501-01	SOIL	09/10/2002	09/12/2002
SEL691002BH4-10'	0204501-02	SOIL	09/10/2002	09/12/2002
SEL691002BH4-15'	0204501-03	SOIL	09/10/2002	09/12/2002
SEL691002BH5-10'	0204501-04	SOIL	09/10/2002	09/12/2002
SEL691002BH5-15'	0204501-05	SOIL	09/10/2002	09/12/2002
SEL691002BH5-20'	0204501-06	SOIL	09/10/2002	09/12/2002
SEL691002BH5-25'	0204501-07	SOIL	09/10/2002	09/12/2002
SEL691002BH5-30'	0204501-08	SOIL	09/10/2002	09/12/2002

The surrogate recoveries are higher than the control limits on samples 4-7 because of interference from the coeluting compounds.

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:

Environmental Lab of Texas I, Ltd.

9-18-02 Date:
Sep 19 02 10:20a

p.15

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ANALYTICAL REPORT

Prepared for:

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

 Project:
 Linman 6"

 PO#:
 2002-10235

 Order#:
 G0204502

 Report Date:
 09/17/2002

<u>Certificates</u> US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMSOrder#:G02045025805 E. HWY. 80Project:2002-10235MIDLAND, TX 79706Project Name:Linman 6"915-684-3456Location:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

				Date / Tir	me	Date / Time		
Lab ID:	Sample :	Matrix:		Collecte	<u>d</u>	Received	<u>Container</u>	Preservative
0204502-01	SEL691102BH6-5'	SOIL		9/11/02		9/12/02	4 oz giass	lce
The second se	t Tasta a	Dalastad.	Ma	8:20		10:55		
	<u>to resung:</u>	kejectea:	INU		Temp	: 1.0 C		
	8015M							
	8021B/5030 BTEX						·	
204502-02	SEL691102BH6-10'	SOIL		9/11/02		9/12/02	4 oz glass	lce
				8:40		10:55	-	
<u> </u>	<u>b Testing:</u>	Rejected:	No		Temp	: I.0 C		
	8015M							
	8021B/5030 BTEX	·	·					
204502-03	SEL691102BH6-15	SOIL		9/11/02		9/12/02	4 oz glass	Ice
				9:00		10:55	-	
<u>La</u>	b Testing:	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204502-04	SEL691102BH7-5'	SOIL		9/11/02		9/12/02	4 oz glass	Ice
1204302-04				9:30		10:55	-	
<u>La</u>	b Testing:	Rejected:	No		Temp	1.0 C		
	8015M							
	8021B/5030 BTEX		·					
0204502-05	SEL691102BH7-10'	SOIL		9/11/02		9/12/02	4 oz glass	Ice
0204302-03				10:00		10:55	-	
La	b Testing:	Rejected:	No		Temps	: 1.0 C		
#	8015M							
	8021B/5030 BTEX							
204502-06	SEL691102BH7-15'	SOIL		9/11/02		9/12/02	4 oz giass	lce
46 04302-00				10:25		10:55		
<u>La</u>	b Testing:	Rejected:	No		Temp	: 1.0 C		
	8015M							
	8021B/5030 BTEX					·		
B 04502_07	SEL691102BH8-5'	SOIL		9/11/02		9/12/02	4 oz glass	Ice
07.04*0/				11:00		10:55		
La	ub Testing:	Rejected:	No		Temp	: 1.0 C		

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS	
5805 E. HWY. 80	
MIDLAND, TX 79706	
915-684-3456	

Order#: G0204502 Project: 2002-10235 Project Name: Linman 6" Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

				Date / Tin	ne j	Date / Time		
<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>		Collecter	<u>d</u>	Received	Container	Preservative
	8015M							
	8021B/5030 B1EX							
0204502-08	SEL691102BH8-10'	SOIL		9/11/02		9/12/02	4 oz glass	Ice
				11:25		10:55		
<u>La</u>	ub Testing:	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204502-09	SEL691102BH8-15	SOIL		9/11/02		9/12/02	4 oz glass	lce
0204302 07				12:00		10:55	-	
<u>La</u>	<u>ıb Testing:</u>	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204502.10	SEL691102BH9-10	SOIL		9/11/02		9/12/02	4 oz glass	Ice
0204502-10				13:20		10:55	5	
La	b Testing:	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204502-11	SEL691102BH9-15	SOIL		9/11/02		9/12/02	4 oz glass	Ice
0204302-11				13:45		10:55		
La	<u>b Testing:</u>	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204502 12	SFL 691102BH9-20'	SOIL		9/11/02		9/12/02	4 oz glass	lce
0204302-12				14:20		10:55	Ũ	
La	b Testing:	Rejected:	No		Temp:	1.0 C		
	8015M							
	8021B/5030 BTEX							
0204502 12	SEL691102BH9-25'	SOIL		9/11/02		9/12/02	4 oz glass	lce
0204302-13				15:15		10:55		
La	<u>ab Testing:</u>	Rejected:	No		Тетр:	1.0 C		
	8015M							
	8021B/5030 BTEX							

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706				Order#: Project: Project Name Location:	G020 2002 e: Linn None	4502 -10235 1an 6'' Given	
Lab ID: Sample ID:	0204502-01 SEL691102BH6-	5'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
		Parameter		Result		RL	
		GRO. C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
		TOTAL, C6-C35	5	<10.0		10.0	
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/16/02 23:39	Sample <u>Amount</u> 1 Result	Dilution <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter	Date <u>Analyzed</u> 9/16/02 23:39	Sample <u>Amount</u> 1 Result mg/kg	Dilution Factor 25	<u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene	Date <u>Analyzed</u> 9/16/02 23:39	Sample <u>Amount</u> 1 Result mg/kg <0.025	Dilution Factor 25	Analyst CK RL 0.025	Method 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene	Date <u>Analyzed</u> 9/16/02 23:39	Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene	Date <u>Analyzed</u> 9/16/02 23:39	Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025	Method 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	Date <u>Analyzed</u> 9/16/02 23:39	Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025	Method 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	Date <u>Analyzed</u> 9/16/02 23:39	Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025	Method 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	Date <u>Analyzed</u> 9/16/02 23:39	Sample Amount 1 Result mg/kg <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surrog: aaa-Toluen	Date <u>Analyzed</u> 9/16/02 23:39 ates 6	Sample Amount 1 Result mg/kg <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025	Method 8021B

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12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

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ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

5805 E. HWY. 80	Project Name:	Linman 6"	
MIDLAND, TX 79706	Location:	None Given	
FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 F. HWY 80	Order#: Project: Broject Normer	G0204502 2002-10235	

Sample ID:

SEL691102BH6-10'

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	Method 8015M
	Parameter		Resul mg/kg	t	RL	
	GRO, C6-C12		<10.0		10.0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0		10.0	

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
Blank	Prepared	Analyzed	Amount	Factor	<u>Anaiyst</u>	Method
0003161-02		9/17/02	1	25	СК	8021B
		0:01				

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	101%	80	120	
Bromofluorobenzene	105%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

p.5

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ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	Order#: Project: Project Nam Location:	Order#: G0204 Project: 2002-1 Project Name: Linma Location: None G					
Lab ID:	0204502-03						
Sample ID:	SEL691102BH6-	15'					
				8015M			
	Method	Date	Date	Sample	Dilution	1	
	Blank	Prepared	Analyzed	Amount	Factor	Analyst	Method
			9/14/02	L	I	СК	8015M
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12		<10.0		10.0	
		DRO. >C12-C35		<10.0		10.0	
				and the second se		the second se	
-		TOTAL, C6-C35	80211	<10.0 8/5030 BTEX	İ	10.0	
	Method <u>Blank</u> 0003161-02	TOTAL, C6-C35 Date <u>Prepared</u>	80211 Date <u>Analyzed</u> 9/17/02	<10.0 8/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	10.0 <u>Analyst</u> CK	<u>Method</u> 8021B
~	Method <u>Blank</u> 0003161-02	Date Prepared Parameter	80211 Date <u>Analyzed</u> 9/17/02 0:23	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg	Dilution <u>Factor</u> 25	10.0 <u>Analyst</u> CK RL	<u>Method</u> 8021B
÷	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene	80211 Date <u>Analyzed</u> 9/17/02 0:23	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.025	Dilution <u>Factor</u> 25 t	10.0 <u>Analyst</u> CK RL 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Renzene Ethylbenzene	5 Bate <u>Analyzed</u> 9/17/02 0:23	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.02: <0.02:	Dilution Factor 25 t	10.0 <u>Analyst</u> CK RL 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene	5 Date <u>Analyzed</u> 9/17/02 0:23	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.022 <0.022 <0.022	Dilution Factor 25 t	10.0 <u>Analyst</u> CK RL 0.025 0.025 0.025	<u>Method</u> 8021B
·	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	80211 Date <u>Analyzed</u> 9/17/02 0:23	<10.0 3/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02:	Dilution Factor 25 t	10.0 <u>Analyst</u> CK RL 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	5 Date <u>Analyzed</u> 9/17/02 0:23	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.	Dilution Factor 25 t	10.0 <u>Analyst</u> CK RL 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	80211 Date <u>Analyzed</u> 9/17/02 0:23	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022	Dilution Factor 25 t	10.0 Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surrog: aaa-Toluen	80211 Datc <u>Analyzed</u> 9/17/02 0:23	<10.0	Dilution Factor 25 t 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10.0 <u>Analyst</u> CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204502
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given

Lab ID: Sample ID:

SEL691102BH7-5'

0204502-04

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	Method 8015M
	Parameter		Result mg/kg		RL	
	GRO, C6-C12		<10.0		10.0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0	<u> </u>	10.0	
				· · · · · · · · · · · · · · · · · · ·		

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
0003161-02		9/17/02	1	25	СК	8021B
		0.46				

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	94%	80	120
Bromofluorobenzene	100%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYSTI 0 79706	EMS		Order#: Project: Project Nan Location:	G020 2002- ne: Linn None	4502 10235 1an 6'' Given	
Lab ID:	0204502-05						
Sample ID:	SEL691102BH7-	10'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date Analyzed	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
			9/14/02	1	1	СК	8015M
		Parameter		Resu mg/k	lt g	RL	
		GRO, C6-C12		<10.	0	10.0	
		DRO, >C12-C35		<10.	0	10.0	
		TOTAL, C6-C35		<10.	0	10.0	
			8021B	8/5030 BTEX	<		
	Method	Date Prenared	Date Analyzed	Sample	Dilution Factor	Analyst	Method
	0003161-02	<u></u>	9/17/02	1	25	СК	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	93%	80	120
Bromofluorobenzene	100%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

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ANALYTICAL REPORT

MIDLAND, TX 79706	Location:	None Given
5805 E. HWY. 80	Project Name:	Linman 6"
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
FRANK HERNANDEZ	Order#:	G0204502

Lab ID: Sample ID: 0204502-06 SEL691102BH7-15'

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
Г			Resi	ılt	Ы	

Parameter	mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0003161-02		9/17/02 1:29	1	25	СК	8021 B
	Parameter		Resu mg/k	ilt B	RL	
	Benzene		<0.02	25	0.025	
	Ethylbenzene		<0.02	25	0.025	
	Toluene		<0.02	25	0.025	
	p/m-Xylene		<0.02	25	0.025	
	o-Xylene		<0.02	25	0.025	

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	97%	80	120
Bromofluorobenzene	100%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West 1-20 East, Odessa, TX 79765 Ph: 915-563-1800

ANALYTICAL REPORT

FRANK HERNANDE ENRON TRANSPOR 5805 E. HWY. 80 MIDLAND, TX 7970	Z FATION SYST	EMS		Order#: Project: Project Nam Location:	G020 2002 e: Lini None	94502 -10235 nan 6'' e Given	
Lab ID: 0	204502-0 7						
Sample ID: S	EL691102BH8-	5'					
				8015M			
	Method	Date	Date	Sample	Dilution		
	Blank	Prepared	Analyzed	Amount	Factor	Analyst	Method
			9/14/02	I	1	СК	8015M
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12	· · · · · · · · · · · · · · · · · · ·	<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
		TOTAL, C6-C35		<10.0		10.0	
-	Method <u>Blank</u>	Datc <u>Prepared</u>	8021B Date <u>Analyzed</u>	2/5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
	0003161-02		9/17/02 1:52	I	25	СК	8021B
		Parameter		Result mg/kg	t	RL	
		Benzene		<0.025	5	0.025	
		Ethylbenzene		<0.025	5	0.025	
		Toluene		<0.025	5	0.025	
		p/m-Xylene		<0.025	5	0.025	
		o-Xylene		<0.025	5	0.025	
		Surrogat	es	% Recovered	QC Lim	its (%)	
		Surrogat aaa-Toluene	es	% Recovered 96%	QC Lim	its (%) 120	

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Sep 20 02 10:27a

0204502-08

SEL691102BH8-10'

TOTAL, C6-C35

Lab ID:

Sample ID:

ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

FRANK HERNANDEZOrder#:G0204502ENRON TRANSPORTATION SYSTEMSProject:2002-102355805 E. 11WY. 80Project Name:Linman 6"MIDLAND, TX 79706Location:None Given

			801 3 <i>IV</i> 1			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Resu mg/l	ılt ^{(g}	RL	
	GRO, C6-C12	******	<10.	.0	10.0	
ł	DRO, >C12-C35		<10.	.0	10.0	

001214

8021B/5030 BTEX

<10.0

Method	Date	Date	Sample	Dilution		
Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
0003161-02		9/17/02	1	25	СК	8021B
		2:14				

Parameter	Result mg/kg	RL	
Benzene	<0.025	0.025	
Ethylbenzene	<0.025	0.025	
Toluene	<0.025	0.025	
p/m-Xylene	<0.025	0.025	
o-Xylene	<0.025	0.025	

Surrogates	% Recovered	QC Limits (%		
aaa-Toluene	93%	80	120	
Bromofluorobenzene	98%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706			Order#: Project: Project Nam Location:	G02 2002 e: Lin Non	04502 -10235 man 6'' e Given			
Lab ID;	0204502-09							
Sample ID:	SEL691102BH8-	15'						
			8	015M				
	Method	Date	Date	Sample	Dilution	L .		
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method	
			9/14/02	1	1	СК	8015M	
		Parameter		Resul mg/kg	t i	RL		
		GRO, C6-C12		<10.0		10.0		
		DRO, >C12-C35		<10.0	(10.0		
		TOTAL, C6-C35		<10.0		10.0		
-	Method	Date	8021B /. Date	5030 BTEX Sample	Dilution			
	Blank	Prepared	Analyzed	Amount	Factor	Analyst	Method	
	0003161-02		9/17/02 11:48	t	25	СК	8021B	
		Parameter		Result mg/kg	t (RL		
		Benzene		<0.024	5	0.025		
		Ethylbenzene		<0.025	5	0.025		
		Toluene		<0.025	5	0.025		
		p/m-Xylene		<0.02	5	0.025		
		o-Xylene		<0.025	5	0.025		
		Surroga	tes	% Recovered	QC Lin	nits (%)		

Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	93%	80	120	
Bromofluorobenzene	100%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204502
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given

Lab ID: Sample ID; 0204502-10 SEL691102BH9-10'

	•		8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 10	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Result mg/kg	<u></u>	RL	
	GRO, C6-C12		10600		100	
	DRO, >C12-C35		12400		100	
	TOTAL, C6-C35		23000		100	

8021B/5030 BTEX

Method <u>Blank</u> 0003161-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/17/02 2:58	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 200	<u>Analyst</u> CK	<u>Metbod</u> 8021B
	Parameter		Resu mg/kg	lt B	RL	

Benzene	23.9	0.200
Ethylbenzene	73.8	0.200
Toluene	111	0.200
p/m-Xylene	146	0.200
o-Xylene	70.9	0.200

Surrogates	% Recovered	QC Limits (%		
aaa-Toluene	968%	80	120	
Bromofluorobenzene	149%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600

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ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 80 MIDLAND, TX	NDEZ PORTATION SYSTE) 79706	EMS		Order#: Project: Project Name Location:	G0: 200 :: Lin Noi	204502 2-10235 1man 6'' 1e Given	
Lab ID:	0204502-11						
Sample ID:	SEL691102BH9-	15'					
				8015M			
	Method	Date	Date	Sample	Dilutio	n American	BF -4b + 4
	BIANK	rrepareu	9/14/07	Amount	Factor	<u>Analyst</u>	ROIEM
			3/14/02	K.	I	CA	0015M
		Parameter	entinginging	Result mg/kg		RL,	
		GRO, C6-C12		1,220		10.0	
		DRO, >C12-C35	;	1,500		10.0	
						10.0	
	ĺ	TOTAL, C6-C3	5 80211	2,720 B/5030 BTEX		10.0	
	Method <u>Blank</u>	TOTAL, C6-C3 Date <u>Prepared</u>	5 80211 Date <u>Analyzed</u>	2,720 B/5030 BTEX Sample <u>Amount</u>	Dilutio <u>Factor</u>	n <u>Analyst</u>	Method
	Method <u>Blank</u> 0003161-02	TOTAL, C6-C3: Date <u>Prepared</u>	5 80211 Date <u>Analyzed</u> 9/17/02 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	TOTAL, C6-C3: Date <u>Prepared</u> Parameter	5 80211 Date <u>Analyzed</u> 9/17/02 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilutio Factor 200	n <u>Analyst</u> CK RL	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene	5 80211 Date <u>Analyzed</u> 9/17/02 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 2.36	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK RL 0.200	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Date <u>Prepared</u> Parameter Benzene Ethylbenzene	5 80211 Date <u>Analyzed</u> 9/17/02 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 2.36 17.7	Dilutio Factor 200	n <u>Analyst</u> CK RL 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene	5 80211 Date <u>Analyzed</u> 9/17/02 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 2.36 17.7 17.7	Dílutio Factor 200	n <u>Analyst</u> CK RL 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc	5 80211 Date <u>Analyzed</u> 9/17/02 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 2.36 17.7 17.7 30.2 12.8	Dilutio Factor 200	n <u>Analyst</u> CK RL 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc o-Xylene	5 80211 Date <u>Analyzed</u> 9/17/02 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 2.36 17.7 17.7 30.2 12.8	Dilutio Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	5 80211 Date <u>Analyzed</u> 9/17/02 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 2.36 17.7 17.7 30.2 12.8 % Recovered	Dilutio Factor 200	n <u>Analyst</u> CK RL 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc o-Xylene Surrog aaa-Toluer	5 80211 Date <u>Analyzed</u> 9/17/02 3:20 3:20	2,720 3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 2.36 17.7 17.7 30.2 12.8 % Recovered 160%	Dilutio Factor 200	Analyst Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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MIDLAND, 1X 79706	Location:	None Given	
MIDLAND, TX 79706	Location:	None Given	
5805 E. HWY. 80	Project Name:	Linman 6"	
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235	
FRANK HERNANDEZ	Order#:	G0204502	

Sample ID:

SEL691102BH9-20'

			8015M			
Method <u>Blank</u>	Date Prepared	Date <u>Analyzed</u> 9/14/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	Method 8015M
	Parameter		Result mg/kg	t	RL	
	GRO, C6-C12		<10.0		10.0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0		10.0	
	•			(

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method
0003161-02		9/17/02 9:20	1	25	СК	8021B
	Parameter	• • • • • • • • • • • • • • • • • • • •	Resu mg/k	ılt ^s g	RL	
	Benzene		<0.02	25	0.025	
	Ethylbenzene		0.03	1 ;	0.025	
	Toluene		<0.02	25	0.025	
	p/m-Xylene		0.09	6	0.025	
	o-Xylene		<0.02	25	0.025	

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	104%	80	120
Bromofluorobenzene	108%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYST 0 . 79706	EMS		Order#: Project: Project Nam Location:	G0 20(e: Li No	204502 02-10235 птяп б'' пе Given	
Lab ID:	0204502-13						
Sample ID:	SEL691102BH9-	25'					
				8015M			
	Method	Date	Date	Sample	Dilutio	Da	
	Blank	Prepared	Analyzed	Amount	Facto	r <u>Analyst</u>	Method
			9/14/02	1	1	CK	8015M
		r					
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
			the second s				
		TOTAL, C6-C35		<10.0		10.0	
-	Method Blank	TOTAL, C6-C35 Date Prepared	8021E Date Analyzed	<10.0 8/5030 BTEX Sample Amount	Dilutio	10.0 m r Analyst	Method
	Method <u>Blank</u> 0003161-02	TOTAL, C6-C35 Date <u>Prepared</u>	8021E Date <u>Analyzed</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample <u>Amount</u> 1	Dilutio <u>Factor</u> 25	10.0 m <u>r Analyst</u> CK	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Prepared Parameter	8021E Date <u>Analyzed</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg	Dilutio <u>Facto</u> 25	10.0 r <u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene	8021E Date <u>Analyzcd</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.024	Dilutio <u>Factor</u> 25	10.0 m <u>Analyst</u> CK RL 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene	8021E Date <u>Analyzed</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.022 <0.022	Dilutio <u>Factor</u> 25	10.0 m <u>r Analyst</u> CK RL 0.025 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene	8021E Date <u>Analyzed</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.022 <0.022 <0.022	Dilutio Factor 25	10.0 m <u>Analyst</u> CK RL 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc	8021E Date <u>Analyzed</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.022 <0.022 <0.022 <0.022	Dilutio Facto 25	10.0 Para Analyst CK RL 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003161-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc o-Xylene	8021E Date <u>Analyzed</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02: <0.02:	Dilutio Factor 25	10.0 m <u>Analyst</u> CK RL 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	TOTAL, C6-C35 Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surrogal	8021E Date <u>Analyzed</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Resul mg/kg <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022	Dilutio Factor 25	10.0 m <u>Analyst</u> CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003161-02	TOTAL, C6-C35 Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc o-Xylene Surrogal aaa-Toluene	8021E Date <u>Analyzed</u> 9/17/02 9:42	<10.0 8/5030 BTEX Sample Amount 1 Resul mg/kg <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.022 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <	Dilutio Factor 25	10.0 m <u>Analyst</u> CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.	<u>Method</u> 8021B

Approval: Raland K Jusil 9-19-02 Reland K. Tuttle, Lab Director, OA Officer Date

Raland K. Tuttle, Lab Director, QA Officer Celey D. Keene, Org. Tech. Director Jeanne McMurrey, Inorg. Tech. Director Sandra Biezugbe, Lab Tech. Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

Page 1 of 1

CASE NARRATIVE ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Order#: G0204502

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman 6"

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SEL691102BH6-5'	0204502-01	SOIL	09/11/2002	09/12/2002
SEL691102BH6-10'	0204502-02	SOIL	09/11/2002	09/12/2002
SEL691102BH6-15'	0204502-03	SOIL	09/11/2002	09/12/2002
SEL691102BH7-5'	0204502-04	SOIL	09/11/2002	09/12/2002
SEL691102BH7-10'	0204502-05	SOIL	09/11/2002	09/12/2002
SEL691102BH7-15'	0204502-06	SOIL	09/11/2002	09/12/2002
SEL691102BH8-5'	0204502-07	SOIL	09/11/2002	09/12/2002
SEL691102BH8-10'	0204502-08	SOIL	09/11/2002	09/12/2002
SEL691102BH8-15'	0204502-09	SOIL	09/11/2002	09/12/2002
SEL691102BH9-10'	0204502-10	SOIL	09/11/2002	09/12/2002
SEL691102BH9-15'	0204502-11	SOIL	09/11/2002	09/12/2002
SEL691102BH9-20'	0204502-12	SOIL	09/11/2002	09/12/2002
SEL691102BH9-25'	0204502-13	SOIL	09/11/2002	09/12/2002

Surrogate recoveries are outside control limits due to interference from coeluting compounds for sample ID #0204502-10 & 0204502-11.

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:

Environmental Lab of Texas I, Ltd.

Date: 9-19-02

QUALITY CONTROL REPORT

8015M

Order#: G0204502

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003147-02			<10.0	1	
TOTAL, C6-C35-mg/kg		0003156-02	·		<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0204500-04	0	952	1100	115.5%	
TOTAL, C6-C35-mg/kg		0204502-08	0	952	1080	113.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0204500-04	0	952	1080	113.4%	1.8%
TOTAL, C6-C35-mg/kg		0204502-08	0	952	1140	119.7%	5.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003147-05		1000	1040	104.%	
TOTAL, C6-C35-mg/kg	······	0003156-05		1000	1190	119.%	

ENVIRONMENTAL LAB OF TEXAS QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204502

BLANK	SOIL	LAB-ID #	Sample Concentr,	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003161-02			<0.025		
Ethylbenzene-mg/kg		0003161-02		1	<0.025	1	
Toluene-mg/kg	······	0003161-02			<0.025		
p/m-Xylene-mg/kg		0003161-02			<0.025		·
o-Xylene-mg/kg		0003161-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204502-13	0	0.1	0.103	103.%	
Ethylbenzene-mg/kg		0204502-13	0	0.1	0.106	106.%	
Toluene-mg/kg	,,,, <u></u> ,,,,,,,,,,	0204502-13	0	0.1	0.107	107.%	
p/m-Xylene-mg/kg		0204502-13	0	0.2	0.220	110.%	
o-Xylene-mg/kg		0204502-13	0	0.1	0.104	104.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204502-13	0	0.1	0.094	94.%	9.1%
Ethylbenzene-mg/kg		0204502-13	0	0.1	0.097	97.%	8.9%
Toluene-mg/kg		0204502-13	0	0.1	0.098	98.%	8.8%
p/m-Xylene-mg/kg		0204502-13	0	0.2	0.202	101.%	8.5%
o-Xylene-mg/kg	···	0204502-13	0	0.1	0.096	96.%	8.%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	··································	0003161-05		0.1	0.086	86.%	
Ethylbenzene-mg/kg	······	0003161-05		0.1	0.085	85.%	
Toluene-mg/kg		0003161-05		0.1	0.085	85.%	
p/m-Xylene-mg/kg		0003161-05		0.2	0.174	87.%	
0-Xylene-mg/kg		0003161-05		0.1	0.085	85.%	

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Rglofz) ANALYSIS REQUEST	a.) 6.'	2-10235					lyze For				BTEX 80216/6020 BTEX 80216/6020 BTEX 80216/6020 PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFECT PERFEC	
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of Texas.	one: 915-563-1713 ax: 915-563-1713	AN' Calimal	f 12 Part	40 0	20 m 80	1828-1	ey ale			D CODE	1849-15'	1349-26	BH9-26'					1.010 Tabi	Date Base
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	2500 West 1-20 East dessa. Texas 79763	Project Mana	, Company N	Company Addi	City/State	Telephou	Sampler Sign:			00 ⁰⁰¹⁵⁰		2	9 -				Special Instructions:	Relinquished by	Relinquistrophy 1

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ANALYTICAL REPORT

Prepared for:

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

 Project:
 Linman Line 6"

 PO#:
 2002-10235

GII: 2002 10255

Order#: G0204544

Report Date: 09/24/2002

<u>Certificates</u> US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706 915-684-3456 Order#:G0204544Project:2002-10235Project Name:Linman Line 6"Location:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

				Date / Th	ae .	Date / Time		
Lab ID:	Sample :	<u>Matrix:</u>		<u>Collected</u>	<u>d</u>	Received	<u>Container</u>	Preservative
0204544-01	SEL691202BH10 5'	SOIL		9/12/02		9/18/02	4 oz glass	lce
	t To the second	Distantada	Ma	7:30		15:20		
<u>L(</u>	ib Testing:	Rejected:	NO		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204544-02	SEL691202BH10 10'	SOIL		9/12/02		9/18/02	4 oz glass	Ice
				7:50		15:20		
- <u>La</u>	<u>b Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							·······
0204544-03	SEL691202BH10 15'	SOIL		9/12/02		9/18/02	4 oz glass	lce
0204344-03				8:15		15:20		
<u>La</u>	<u>b Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204544-04	SEL691202BH10 20'	SOIL		9/12/02		9/18/02	4 oz glass	Ice
0204544-04				8:35		15:20	-	
<u>La</u>	<u>b Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204544-05	SEL691202BH10 25	SOIL		9/12/02		9/18/02	4 oz glass	Ice
0204344-03				9:05		15:20	•	
<u>La</u>	<u>b Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX			_				
0204544.06	SEL 691202BH10_30'	SOIL		9/12/02		9/18/02	4 oz elass	lcc
0204544-00		0012		9:40		15:20	8	
La	<u>b Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204544_07	SEL691202BH10 35'	SOIL		9/12/02		9/18/02	4 oz glass	Ice
0204344-0/				14:00		15:20	-	
Ia	h Testing:	Rejected:	No		Temp:	15C		

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ENVIRONMEN	TAL LAB	OF TEXAS
SAMPL	E WORK LIS	T
ENRON TRANSPORTATION SYSTEMS	Order#:	G0204544
5805 E. HWY. 80	Project:	2002-10235
MIDLAND, TX 79706	Project Name:	Linman Line 6"
915-684-3456	Location:	None Given
The samples listed below were submitted to Environmental Lab of no representation or certification as to the method of sample collec receipt of samples by Environmental Lab of Texas, unless otherwi	f Texas and were received un ction, sample identification, ise noted.	nder chain of custody. Environmental Lab of Texas makes or transportation/handling procedures used prior to the

∖ Sep 25 02 03:38p

Lab ID:	<u>Sample :</u> 8015M 8021B/5030 BTEX	<u>Matrix:</u>	Date / Time <u>Collected</u>	Date / Time <u>Received</u>	Container	Preservative
0204544-08	SEL691202BH10 40'	SOIL	9/12/02 15:00	9/18/02 15:20	4 oz glass	Ice
<u>La</u>	<u>b Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No	Tem	ар: 1.5 C		

Sep 25 02 03:38p

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYST 0 . 79706	ems		Order#: Project: Project Nam Location:	G020 2002- c: Linm None	4544 -10235 an Line 6" Given	
Lab ID:	0204544-01						
Sample ID:	SEL691202BH10) 5'					
				8015M			
	Method <u>Blank</u>	Date Prepared	Date <u>Analyzed</u>	Sample Amount	Dilution <u>Factor</u>	<u>Analyst</u>	Method
			9/18/02	1	5	СК	8015M
-		Parameter GRO, C6-C12 DRO, >C12-C35 TOTAL, C6-C35	8021H	Result mg/kg 7560 7030 14590	t	RL 50.0 50.0 50.0	
	Method Blank	Date Prenared	Date Analyzed	Sample	Dilution Factor	Ansivet	Method
	0003198-02		9/21/02 2:40	1	100	СК	8021B
		Parameter		Result mg/kg		RL	
		Benzene		43.9		0.100	
		Ethylbenzene		99.0		0.100	
		Toluene		160		0.100	

p/m-Xylene	141	0.100
o-Xylene	63.8	0.100
····		
Surrogates	% Recovered	QC Limits (%)

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	1890%	80	120
Bromofluorobenzene	150%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 8

ANALYTICAL REPORT

805 E. HWY. 80 AIDLAND, TX	NDEZ PORTATION SYSTI) 79706	EMS		Order#: Project: Project Name Location:	G0: 200 :: Lin Noi	204544 2-10235 man Line 6" 1e Given		
Lab ID:	0204544-02							
Sample ID:	SEL691202BH10) 10'						
				8015M				
	Method	Date	Date	Sample	Dilutio	n		
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method	
			9/18/02	I	5	CK	8015M	
		Parameter		Result mg/kg		RL		
		GRO. C6-C12	·····	22000		50.0	4	
		DRO, >C12-C35		25100	— -	50.0	-	
		TOTAL, C6-C35	; 	47100		50.0		
	Method <u>Biank</u> 0003198-02	Date <u>Prepared</u>	0021D Date <u>Analyzed</u> 9/21/02 3:02	Sample <u>Amount</u> 1	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK	<u>Method</u> 8021 B	
		Parameter		Result mg/kg		RL		
		Benzene		101		0.200		
		Ethylbenzene		197		0.200		
		Toluene		325		0.200	1	
		p/m-Xylene		280		0.200	-	
		o-Xylene		127		0.200		
		Surrogs	ates	% Recovered	QC Li	mits (%)		
		aaa-Toluen	e	2000%	80	120		
		Bromofluor	obenzene	148%	80	120		

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Sep 25 02 03:39p

ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

Lab ID: 02 Sample ID: SI	:04544-03 EL691202BH1() 15'					
-				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date Analyzed	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
			9/18/02	1	10	СК	8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		16700		100	
		DRO, >C12-C35		18100		100	
		TOTAL, C6-C35		34800		100	
			8021B	8/5030 BTEX			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzcd</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
	0003198-02		9/21/02 3:24	1	20 0	СК	8021B
		Parameter		Result mg/kg		RL	
		Benzene		101		0.200	
		Ethylbenzene		173		0.200	
		Toluene		308		0.200	
		p/m-Xylene		260		0.200	

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	1890%	80	120
Bromofluorobenzene	152%	80	120

117

0.200

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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o-Xylene

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

ENRON TRANSPOL 5805 E. HWY. 80 MIDLAND, TX 79	RTATION SYSTI	SMS .		Order#: Project: Project Name Location:	G02 2002 2: Linn Non	04544 2-10235 nan Line 6'' e Given	
Lab ID; Sampic ID:	0204544-04 SEL691202BH10	20'					
				8015M			
	Method <u>Blank</u>	Date Prepared	Date Analyzed	Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method
			3/10/02	I	10	CK	8012M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		15300		100	
		DRO, >C12-C35		15800		100	
				31100		100	
	Method	Date	8021E Date	8/5030 BTEX Sample	Dilution		
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u>	8021 B Date <u>Analyzed</u> 9/21/02	8/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 200	<u>Analyst</u> CK	Method 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared	8021 B Date <u>Analyzed</u> 9/21/02 3:46	3/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 200	Analyst CK	<u>Method</u> 8021B
	Mcthod <u>Blank</u> 0003198-02	Date Prepared Parameter	8021 B Date <u>Analyzed</u> 9/21/02 3:46	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilution <u>Factor</u> 200	Analyst CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene	8021 B Date <u>Analyzed</u> 9/21/02 3:46	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 76.1	Dilution <u>Factor</u> 200	Analyst CK RL 0.200	<u>Method</u> 8021B
	Mcthod <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene	8021 E Date <u>Analyzed</u> 9/21/02 3:46	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 76.1 146	Dilution <u>Factor</u> 200	Analyst CK RL 0,200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene	8021 B Date <u>Analyzed</u> 9/21/02 3:46	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 76.1 146 252	Dilution <u>Factor</u> 200	Analyst CK RL 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021 B Date <u>Analyzed</u> 9/21/02 3:46	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 76.1 146 252 225	Dilution <u>Factor</u> 200	Analyst CK RL 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021 B Date <u>Analyzed</u> 9/21/02 3:46	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 76.1 146 252 225 102	Dilution <u>Factor</u> 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Mcthod <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021 B Date <u>Analyzed</u> 9/21/02 3:46	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 76.1 146 252 225 102	Dilution Factor 200	Analyst CK RL 0,200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Mcthod <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene o-Xylene	8021 E Date <u>Analyzed</u> 9/21/02 3:46	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 76.1 146 252 225 102 % Recovered 1700%	Dilution Factor 200 QC Lin 80	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204544
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman Line 6"
MIDLAND, TX 79706	Location:	None Given

Lab ID: Sample ID:

SEL691202BH10 25'

0204544-05

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/18/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 10	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Resu	ılt	RL	

mg/kg	
12000	100
11400	100
23400	100
	mg/kg 12000 11400 23400

8021B/5030 BTEX

Method <u>Blank</u> 0003198-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/21/02 4:08	Sample <u>Amount</u> I	Dilution <u>Factor</u> 200	<u>Analvst</u> CK	<u>Method</u> 8021 B
	Parameter		Resu mg/kj	lt g	RL	
	Benzene		66.2		0.200	
	Ethylbenzene		132		0.200	
	Toluene		234		0.200	
	p/m-Xylene		197		0.200	
	o-Xylene		87.3		0.200	

Surrogates	% Recovered	QC Limits (%	
aaa-Toluene	1700%	80	120
Bromofluorobenzene	266%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706				Order#: Project: Project Name Location:	G02 2002 e: Lint Non	04544 2-10235 nan Line 6" e Given	
Lab ID:	0204544-06						
Sample ID;	SEL691202BH10	30'					
				8015M			
	Method	Date Prepared	Date Analyzed	Sample	Dilution	t A nalvet	Method
	Dialik	Teparcu	9/18/02	1	5	CK	8015M
		D		Result	t	DI	
		Parameter		mg/kg	•	KL	
		GRO, C6-C12		13800		50.0	
		DRO, >C12-C35		14400		50.0	
		TOTAL, C6-C35	5	28200		50.0	
-	Method Blank	Date <u>Prepared</u>	8021B Date <u>Analyzed</u>	/5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u>	8021B Date <u>Analyzed</u> 9/21/02 4:31	/5030 BTEX Sample <u>Amount</u> I	Dilution <u>Factor</u> 200	<u>Analyst</u> CK	Method 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter	8021B Date <u>Analyzed</u> 9/21/02 4:31	/5030 BTEX Sample <u>Amount</u> I Result	Dilution <u>Factor</u> 200	Analyst CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0 003198-02	Date <u>Prepared</u> Parameter	8021B Date <u>Analyzed</u> 9/21/02 4:31	/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilution <u>Factor</u> 200	Analyst CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene	8021B Date <u>Analyzed</u> 9/21/02 4:31	/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 80.5 164	Dilution Factor 200	Analyst CK RL 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene	8021B Date <u>Analyzed</u> 9/21/02 4:31	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 80.5 164 271	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021B Date <u>Analyzed</u> 9/21/02 4:31	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 80.5 164 271 235	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/21/02 4:31	/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 80.5 164 271 235 105	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/21/02 4:31	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 80.5 164 271 235 105	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
~	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surroga aaa-Toluen	8021B Date <u>Analyzed</u> 9/21/02 4:31	/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 80.5 164 271 235 105 % Recovered 1680%	QC Lin 80	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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l.

ANALYTICAL REPORT

ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	Order#: Project: Project Nam Location:	G02 2002 e: Linn Non	04544 :-10235 nan Line 6" e Given				
Lab ID: Sample ID:	0204544-07 SEL691202BH1() 35'					
				8015M			
	Method Blank	Date <u>Prepared</u>	Date Analyzed	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
			3/16/02	1	2	(K	0013141
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12		10600)	50.0	
		DRO, >C12-C35	5	12300)	50.0	
		TOTAL. C6-C3:	5	22900		50.0	
		L	80211]	
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u>	8021E Date <u>Anslyzed</u> 9/21/02 4:53	B/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 100	<u>Aualyst</u> CK	<u>Methođ</u> 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter	80211 Date <u>Analyzed</u> 9/21/02 4:53	3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilution <u>Factor</u> 100	<u>Aualyst</u> CK RL	<u>Methođ</u> 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene	8021E Date <u>Analyzed</u> 9/21/02 4:53	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 35.6	Dilution <u>Factor</u> 100	Aualyst CK RL 0.100	<u>Methođ</u> 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene	80211 Date <u>Analyzed</u> 9/21/02 4:53	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 35.6 98.1	Dilution <u>Factor</u> 100	<u>Aualyst</u> CK RL 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene	80211 Date <u>Analyzed</u> 9/21/02 4:53	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 35.6 98.1 143	Dilution <u>Factor</u> 100	<u>Aualyst</u> CK RL 0.100 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylcnc	80211 Date <u>Analyzed</u> 9/21/02 4:53	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 35.6 98.1 143 141	Dilution <u>Factor</u> 100	<u>Aualyst</u> CK RL 0.100 0.100 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	80211 Date <u>Analyzed</u> 9/21/02 4:53	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 35.6 98.1 143 141 67.1	Dilution <u>Factor</u> 100	Aualyst CK RL 0.100 0.100 0.100 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc o-Xylene Surrog:	80211 Date <u>Analyzed</u> 9/21/02 4:53	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 35.6 98.1 143 141 67.1 % Recovered	Dilution <u>Factor</u> 100	Aualyst CK RL 0.100 0.100 0.100 0.100 0.100 0.100 0.100	<u>Methođ</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylenc o-Xylene Surrog: aaa-Toluen	80211 Date <u>Analyzed</u> 9/21/02 4:53 4:53	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 35.6 98.1 143 141 67.1 % Recovered 1980%	Dilution Factor 100 t QC Lim 80	Aualyst CK RL 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706			Order#: Project: Project Name Location:	G020 2002 e: Linn None	14544 -10235 aan Line 6'' e Given			
Lab ID: Sample ID:	0204544-08 SFL691202BH10	40'						
oampie 10.	5220712020110	40		9015M				
	Method	Date	Date	Sample	Dilution			
	Blank	Prepared	Analyzed	Amount	Factor	Analyst	Method	
			9/18/02	1	10	СК	8015M	
		Parameter		Result	t	RL.		
		GRO. C6-C12		16400	•	100		
		DRO, >C12-C35	·	16400		100		
		TOTAL, C6-C35		32800		100		
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/21/02 5:15	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 200	<u>Analyst</u> CK	<u>Method</u> 8021B	
		Parameter		Result	:	RL		
		Benzene		90.9		0.200		
		Ethylbenzene		168		0.200		
		Toluene		285		0.200		
		p/m-Xylene		245		0.200		
		o-Xylene		112		0.200		
		Surrog	ates	% Recovered	QC Lim	its (%)		
		aaa-Toluen	8	1900%	80	120		
		Bromofluor	obenzene	161%	80	120	1	
				Appro Ralan Celey Jeann Sandr	oval: d K. Tuttle D. Keene e McMurr a Biezugb	c, Lab Director, , Org. Tech. Dir cy, Inorg. Pech. c, Lab Tech.	QA Officer ector Director	9/25/02 Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit ENVIRONMENTAL LAB OF TEXAS I, LTD. 12

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QUALITY CONTROL REPORT

8015M

Order#: G0204544

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003181-02			<10.0	1	
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003181-03		952	1120	117.6%	
CONTROL DUP	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003181-04		952	1120	117.6%	0.%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003181-05		1000	1120	112.%	

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Sep 25 02 03:41p

ENVIRONMENTAL LAB OF TEXAS QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204544

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPÐ
Benzene-mg/kg		0003198-02			<0.025		
Ethylbenzene-mg/kg		0003198-02			<0.025		
Toluene-mg/kg		0003198-02			<0.025		
p/m-Xylene-mg/kg		0003198-02			<0.025		
o-Xylene-mg/kg		0003198-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Rcsult	Pet (%) Recovery	RPD
Benzene-mg/kg		0204546-03	0	0.1	0.102	102.%	
Ethylbenzene-mg/kg	····	0204546-03	0	0.1	0.108	108.%	
Toluene-mg/kg		0204546-03	0	0.1	0.108	108.%	
p/m-Xylene-mg/kg		0204546-03	0	0.2	0.226	113.%	
o-Xylene-mg/kg		0204546-03	0	0.1	0.106	106.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr,	QC Test Result	Pet (%) Recovery	RPD
Benzene-mg/kg	······································	0204546-03	0	0.1	0.100	100.%	2.%
Ethylbenzene-mg/kg		0204546-03	0	0.1	0.109	109.%	0.9%
Toluene-mg/kg		0204546-03	0	0.1	0.104	104.%	3.8%
p/m-Xylene-mg/kg		0204546-03	0	0.2	0.225	112.5%	0.4%
o-Xylene-mg/kg	·	0204546-03	0	0.1	0.105	105.%	0.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr,	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003198-05		0.1	0.101	101.%	· · · · · · · · · · · · · · · · · · ·
Ethylbenzene-mg/kg	• • • • • • • • • • • • • • • • • • •	0003198-05		0.1	0.105	105.%	
Toluene-mg/kg		0003198-05		0.1	0.107	107.%	
p/m-Xylene-mg/kg		0003198-05		0.2	0.218	109.%	
o-Xylene-mg/kg	••• • • • • • • • • • • • • • • • • •	0003198-05		0.1	0.104	104.%	

CASE NARRATIVE ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Order#: G0204544

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman Line 6"

p.14

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SEL691202BH10 5'	0204544-01	SOIL	09/12/2002	09/18/2002
SEL691202BH10 10	0204544-02	SOIL	09/12/2002	09/18/2002
SEL691202BH10 15	0204544-03	SOIL	09/12/2002	09/18/2002
SEL691202BH10 20	0204544-04	SOIL	09/12/2002	09/18/2002
SEL691202BH10 25	0204544-05	SOIL	09/12/2002	09/18/2002
SEL691202BH10 30	0204544-06	SOIL	09/12/2002	09/18/2002
SEL691202BH10 35	0204544-07	SOIL	09/12/2002	09/18/2002
SEL691202BH10 40	0204544-08	SOIL	09/12/2002	09/18/2002

Surrogate recoveries are outside control limits due to interference from coeluting compounds

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Environmenta Lab of Texas I, Ltd.

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:

Date:
Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project	Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: Project Name: <th>Real Figure 1 Folder km. Fold</th> <th>явае: FRUM HERNANDCZ Marke: EOIT EINERGY PPELNIC Marke: EOIT EINERGY PPELNIC Marke: EOIT EINERGY PPELNIC Marke: EOIT EINERGY PPELNIC Marke: EOIT EINERGY PPELNIC Polect Kan: Polect /th> <th></th> <th>TAT HSUR TAT bisbrist</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Z</th> <th>j J</th>	Real Figure 1 Folder km. Fold	явае: FRUM HERNANDCZ Marke: EOIT EINERGY PPELNIC Marke: EOIT EINERGY PPELNIC Marke: EOIT EINERGY PPELNIC Marke: EOIT EINERGY PPELNIC Marke: EOIT EINERGY PPELNIC Polect Kan: Polect		TAT HSUR TAT bisbrist						Z	j J
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Time	79701 79701 79701 79701 79701 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 09/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/12/2002 00/10/10/10/10000000000	FRANK HERNANDEZ GOTT ENERGY PIPELINE S805 E. HIGHWAY 80 S805 E. HIGHWAY 80 MDLAND TX 79701 MDLAND T35 638-3799 PAL MP, EA PLA MP, EA S805 E. HIGHWAY 80 S805 E. HIGHWAY 80 S805 E. HIGHWAY 80 S805 E. HIGHWAY 80 S810 T35 638-3799 S8110 10 S8110 10 S8110 10 S81110 25 S81110 20	anager: FRANK HERNANDEZ Ame: EOTT ENERGY PIPELINE Adress: 5805 E. HIGHWAY 80 ate/Zip: MIDLAND TX 79701 ate/Zip: MIDLAND TX 79701 ate/Zip: MIDLAND TX 79701 ate/Zip: 09/12/2002 EL691202BH10 15 EL691202BH10 15 EL691202BH10 15 EL691202BH10 15 EL691202BH10 15 EL691202BH10 15 EL691202BH10 15 EL691202BH10 15 EL691202BH10 15 EL691202BH10 40 09/12/2002 EL691202BH10 40 00/12/2002 EL691202BH10 40 00/12/2002 EL691202 EL691202 EL691202 EL691202 EL691202 EL691202		bəlqms2 əmiT	7:30 8:15	8:35 9:05 9:40	3:00			ASLAN	Recei Receiv
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	79701 79701 Date Date	FRANK HERNANDEZ GOTT ENERGY PIPELINE 8805 E. HIGHWAY 80 MIDLAND IX 79701 315-638-3799 315-638-3799 215 Control 10 215-639-3799 216 Control 10 216 Control 10	anager: FRANK HERNANDEZ Name: EOTT ENERGY PIPELINE ddress: 5805 E. HIGHWAY 80 ate/Zip: MIDLAND TX 79701 one No: 915-638-3799 one No: 91			/60 //60	160 1/60	V60 V60			TOP	



ANALYTICAL REPORT

Prepared for:

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

 Project:
 Linman 6"

 PO#:
 2002-10235

 Order#:
 G0204545

 Report Date:
 09/24/2002

<u>Certificates</u> US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMSOrder#:G02045455805 E. HWY. 80Project:2002-10235MIDLAND, TX 79706Project Name:Linman 6"915-684-3456Location:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

			Date / Time	Date / Time		
Sample :	<u>Matrix:</u>		Collected	Received	<u>Container</u>	Preservative
SEL691302BH10-45'	SOIL		9/13/02 8:15	9/18/02 15:20	4 oz glass	lce
b Testing:	Rejected:	No	Tem	p: 1,5 C		
8015M 8021B/5030 BTEX						
SEL691302BH10-50'	SOIL		9/13/02 9:40	9/18/02 15:20	4 oz glass	Ice
b Testing:	Rejected:	No	Tem	o: 1.5 C		
8015M						
8021B/5030 BTEX						
SEL691302BH10-55'	SOIL		9/13/02 11:40	9/18/02 15:20	4 oz glass	Ice
b Testing:	Rejected:	No	Temj): 1.5 C		
8015M						
8021B/5030 BTEX						
	<u>Sample :</u> SEL691302BH10-45' <u>b Testing:</u> 8015M 8021B/5030 BTEX SEL691302BH10-50' <u>b Testing:</u> 8015M 8021B/5030 BTEX SEL691302BH10-55' <u>b Testing:</u> 8015M 8021B/5030 BTEX	Sample : Matrix: SEL691302BH10-45' SOIL b Testing: Rejected: 8015M 8021B/5030 BTEX SEL691302BH10-50' SOIL b Testing: Rejected: 8015M 8021B/5030 BTEX SEL691302BH10-50' SOIL b Testing: Rejected: 8015M 8021B/5030 BTEX SEL691302BH10-55' SOIL b Testing: Rejected: 8015M 8021B/5030 BTEX SEL691302BH10-55' SOIL b Testing: Rejected: 8015M 8021B/5030 BTEX	Sample : Matrix: SEL691302BH10-45' SOIL b Testing: Rejected: No 8015M 8021B/5030 BTEX SOIL SEL691302BH10-50' SOIL SOIL b Testing: Rejected: No 8015M 8021B/5030 BTEX SOIL b Testing: Rejected: No 8015M 8021B/5030 BTEX SOIL b Testing: SOIL No 8015M SOIL No 8015M SOIL No SEL691302BH10-55' SOIL No 8015M 8021B/5030 BTEX No 8015M 80215M No 8015M 8021B/5030 BTEX No	Date / Time Sample : Matrix: Collected SEL691302BH10-45' SOIL 9/13/02 8:15 Rejected: No Temp 8015M 8021B/5030 BTEX SOIL 9/13/02 SEL691302BH10-50' SOIL 9/13/02 9:40 b Testing: Rejected: No Temp 8015M 8021B/5030 BTEX SEL691302BH10-50' SOIL 9/13/02 sel691302BH10-50' SOIL 9/13/02 9:40 b Testing: Rejected: No Temp 8015M 8021B/5030 BTEX SOIL 9/13/02 sel691302BH10-55' SOIL 9/13/02 11:40 b Testing: Rejected: No Temp 8015M 8021B/5030 BTEX SOIL 9/13/02 s015M 8021B/5030 BTEX SOIL 9/13/02	Date / Time Date / Time Date / Time Sample : Matrix: Collected Received SEL691302BH10-45' SOIL 9/13/02 9/18/02 8 8:15 15:20 b Testing: Rejected: No Temp: 1.5 C 8015M 8021B/5030 BTEX SOIL 9/13/02 9/18/02 SEL691302BH10-50' SOIL 9/13/02 9/18/02 SEL691302BH10-50' SOIL 9/13/02 9/18/02 b Testing: Rejected: No Temp: 1.5 C 8015M 8021B/5030 BTEX SEL691302BH10-55' SOIL 9/13/02 9/18/02 sEL691302BH10-55' SOIL 9/13/02 9/18/02 11:40 15:20 b Testing: Rejected: No Temp: 1.5 C 8015M 8021B/5030 BTEX Rejected: No Temp: 1.5 C 8015M 8021B/5030 BTEX SE SE SE SE	Date / Time Date / Time Sample : Matrix: Collected Received Container SEL691302BH10-45' SOIL 9/13/02 9/18/02 4 oz glass b Testing: Rejected: No Temp: 1.5 C 8015M 8021B/5030 BTEX SOIL 9/13/02 9/18/02 4 oz glass sel.691302BH10-50' SOIL 9/13/02 9/18/02 4 oz glass sel.691302BH10-50' SOIL 9/13/02 9/18/02 4 oz glass b Testing: Rejected: No Temp: 1.5 C 8015M 8021B/5030 BTEX SEL691302BH10-55' SOIL 9/13/02 9/18/02 4 oz glass sel.691302BH10-55' SOIL

ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

FRANK HERNANDEZOrder#:G0204545ENRON TRANSPORTATION SYSTEMSProject:2002-102355805 E. HWY. 80Project Name:Linman 6"MIDLAND, TX 79706Location:None Given

Lab ID: Sample ID:

0204545-01 SEL691302BH10-45'

TOTAL, C6-C35

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample Amount	Dilution <u>Factor</u>	Analyst	Method
		9/18/02	1		СК	8015M
	Parameter		Resul mg/kg	t	RL	
	GRO, C6-C12		3480		50.0	
	DRO, >C12-C35		3970		50.0	

8021B/5030 BTEX

7450

50.0

Method <u>Blank</u> 0003198-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/23/02 21:56	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 100	<u>Analyst</u> CK	<u>Method</u> 8021B
	Parameter		Resu mg/k	ılt g	RL	
	Benzene		25.	7	0.100	
	Ethylbenzene		66.4	4	0.100	
	Toluene		109)	0.100	
	p/m-Xylene		100	,	0.100	
	o-Xylene		44.7	7	0.100	

Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	1310%	80	120	
Bromofluorobenzene	134%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDE: ENRON TRANSPORT 5805 E. HWY. 80 MIDLAND, TX 7970	Z TATION SYSTE	:MS		Order#: Project: Project Name Location:	G020 2002- : Lina None	4545 10235 an 6" Given	
Lab ID: 0	204545-02						•
Sample ID: S	EL691302BH10-	-50'			ł.		
				8015M			
	Method	Date	Date	Sample	Dilution		
	Blank	Prepared	Analyzed	Amount	Factor	Analyst	Method
			9/18/02	1	Į.	СК	8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		15.3		10.0	
						10.0	
		DRO, >C12-C35		21.9		10.0	
		DRO, >C12-C35 TOTAL, C6-C35	i nt	21.9 37.2		10.0	
	Method <u>Blank</u>	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u>	8021B Date <u>Analyzed</u> 2/22/02	21.9 37.2 8/5030 BTEX Sample <u>Amount</u>	Dilution Factor	Analysf	Method
	Method <u>Blank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u>	8021 B Date <u>Analyzed</u> 9/23/02 21:34	21.9 37.2 37.2 Sample <u>Amount</u> 1	Dilution Factor 25	10.0 10.0 <u>Analyst</u> CK	<u>Method</u> 8021 B
	Method <u>Biank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u> Parameter	8021E Date <u>Anslyzed</u> 9/23/02 21:34	21.9 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2	Dilution Factor 25	Analyst CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u> Parameter Benzene	8021 E Date <u>Analyzed</u> 9/23/02 21:34	21.9 37.2 37.2 37.2 37.2 37.2 37.2 Sample <u>Amount</u> 1 1 Result mg/kg <0.025	Dilution Factor 25	10.0 10.0 <u>Analyst</u> CK RL 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u> Parameter Benzene Ethylbenzene	8021E Date <u>Analyzed</u> 9/23/02 21:34	21.9 37.2 8/5030 BTEX Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025	Dilution Factor 25	IO.0 10.0 10.0 Analyst CK RL 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Propared</u> Parameter Benzene Ethylbenzene Toluene	8021E Date <u>Analyzed</u> 9/23/02 21:34	21.9 37.2 37.2 37.2 37.2 37.2 37.2 Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021E Date <u>Anslyzed</u> 9/23/02 21:34	21.9 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021E Date <u>Analyzed</u> 9/23/02 21:34	21.9 37.2 2/5030 BTEX Sample <u>Amount</u> 1 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021E Date <u>Analyzed</u> 9/23/02 21:34	21.9 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2	Dilution Factor 25	10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 Intervention 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	DRO, >C12-C35 TOTAL, C6-C35 Date <u>Propared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene O-Xylene	8021E Date <u>Analyzed</u> 9/23/02 21:34	21.9 37.2 37.2 37.2 37.2 37.2 37.2 37.2 37.2	Dilution Factor 25	10.0 10.0 10.0 10.0 10.0 Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph; 915-563-1800

ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204545
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6"
MIDLAND, TX 79706	Location:	None Given

Lab ID:

Sample ID:

SEL691302BH10-55'

0204545-03

			8015M			
Method <u>Biank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/18/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> I	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Result mg/kg	t	RL	
	GRU, C6-C12		<10.0		10.0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0		10.0	

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0003198-02		9/21/02 16:45	1	25	СК	8021B
	Parameter		Resu mg/k	llt g	RL	
	Benzene		<0.02	25	0.025	
	Ethylbenzene		<0.02	25	0.025	
	Toluene		<0.02	25	0.025	
	p/m-Xylene		<0.02	25	0.025	
	o-Xylene		<0.02	25	0.025	

Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	104%	80	120	
Bromofluorobenzene	102%	80	120	

9/25/02 Date

Raland K. Tuttle, Lab Director, QA Officer Celey D. Keene, Org. Tech Director Jeanne McMurrey, Inorg. Tech. Director Sandra Biozugbe, Lab Tech. Sara Molina, Lab Tech.

Approval:

Page 3 of 3

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

QUALITY CONTROL REPORT

8015M

Order#: G0204545

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	····	0003181-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pet (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003181-03		952	1120	117.6%	
CONTROL D	U P SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003181-04		952	1120	117.6%	0.%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003181-05		1000	1120	112.%	

Sep 25 02 04:31p

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204545

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003198-02			<0.025		
Ethylbenzene-mg/kg		0003198-02			<0.025		
Toluene-mg/kg		0003198-02			<0.025		
p/m-Xylene-mg/kg		0003198-02			<0.025		
o-Xylene-mg/kg		0003198-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204546-03	0	0.1	0.102	102.%	
Ethylbenzene-mg/kg		0204546-03	0	0.1	0.108	108.%	
Toluene-mg/kg		0204546-03	0	0.1	0.108	108.%	
p/m-Xylene-mg/kg		0204546-03	0	0.2	0.226	113.%	
o-Xylcne-mg/kg		0204546-03	0	0.1	0.106	106.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204546-03	0	0.1	0.100	100.%	2.%
Ethylbenzene-mg/kg		0204546-03	0	0.1	0.109	109.%	0.9%
Toluene-mg/kg		0204546-03	0	0.1	0.104	104.%	3.8%
p/m-Xylene-mg/kg		0204546-03	0	0.2	0.225	112.5%	0.4%
o-Xylene-mg/kg		0204546-03	0	0.1	0.105	105.%	0.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003198-05		0.1	0.101	101.%	
Ethylbenzene-mg/kg		0003198-05		0.1	0.105	105.%	
Toluene-mg/kg		0003198-05	······································	0.1	0.107	107.%	
p/m-Xylene-mg/kg	<u> </u>	0003198-05		0.2	0.218	109.%	
o-Xylene-mg/kg		0003198-05		0.1	0.104	104.%	

CASE NARRATIVE ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Order#: G0204545

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman 6"

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SEL691302BH10-45'	0204545-01	SOIL	09/13/2002	09/18/2002
SEL691302BH10-50'	0204545-02	SOIL	09/13/2002	09/18/2002
SEL691302BH10-55'	0204545-03	SOIL	09/13/2002	09/18/2002

Surrogate recoveries are outside control limits due to interference from coeluting compounds

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receive of samples. To the best of my knowledge, the information contained in this report is accurate and complete

Approved By:

unt Environmental Aab of Texas 1, Ltd.

Date:

Page 1

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- J	35			Nze For	Semivolatiles Dtex 8021B/503 Corrosivity Corrosivity	×						Sample Containers Inti	Temperature Upon Requi Laboratory Comments:	2,51
her	2- 102			Ana							 		Time	1 S2D
1.2 m	2005		**	TCLP 101AL	1.814 HqT								Dale	1941- 20-1802
oloct Name	Project #	Project Loc	#Od		Soil Soil Soil	×	××	╺┾╺┾╴						+
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			1		belgms2 emiT	2:2	05.1				 · · · · · ·		Recent	Receiver
5				-	Date Sampled	9-13.02	9.13-02						Time	SZC 1
915-563-17	ų		79701	No.									Date	7-18-02
Fax. ERNANDEZ	ERCY PIPELIN	IIGHWAY 80	×	6612		28H10- 8	SHID-S						LAA.	10-0-
53 er FRANK H	ne: EOTT EN	ss: 5805 E H	Zip: MIDLAND	No: <u>915-638.</u> Jre:		2169130	5167130. 5169130.						R A	l'all
Texas 797	ipany Nan	any Addre	⊃ity/State/z	elephone 1 vier Signatu			240					Instruction	ished	

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ANALYTICAL REPORT

Prepared for:

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FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman 6" Line

PO#: 2002-10235

Order#: G0204546

Report Date: 09/30/2002

<u>Certificates</u> US EPA Laboratory Code TX00158

SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706 915-684-3456 Order#:G0204546Project:2002-10235Project Name:Linman 6" LineLocation:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

				Date / Tin	ne i	Date / Time		
<u>Lab ID:</u>	Sample :	<u>Matrix:</u>		Collected	<u>d</u>	Received	<u>Container</u>	Preservative
0204546-01	SEL691602BH11-5'	SOIL		9/16/02		9/18/02	4 oz glass	Ice
_				8:00		15:20		
<u>La</u>	<u>ib Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX			······································			·	
0204546-02	SEL691602BH11-10'	SOIL		9/16/02		9/18/02	4 oz glass	Ice
0204540-02				8:15		15:20	C	
<u></u>	ib Testing:	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204546 02	SEL691602BH11-15	SOIL		9/16/02		9/18/02	4 oz glass	Ice
0204540-05		COLD		8:35		15:20		
La	b Testing:	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204546-04	SEL691602BH12-5'	SOIL		9/16/02		9/18/02	4 oz glass	Ice
V204340-04				9:00		15:20	0	
La	b <u>Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204546-05	SEL691602BH12-10	SOIL		9/16/02		9/18/02	4 oz glass	Ice
0204540-05				9:15		15:20	-	
La	b Testing:	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204546-06	SEL691602BH12-15	SOIL		9/16/02		9/18/02	4 oz glass	Ice
0204340-00				9:25		15:20	·	
La	b Testing:	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204546-07	SEL691602BH12-20'	SOIL		9/16/02		9/18/02	4 oz glass	Ice
U#UTUTUTU"U/				9:40		15:20	-	
La	b Testing:	Rejected:	No		Temp:	1.5 C		
ĒN	VIRONMENTAL LAB O	F TEXAS I.	LTD.	12600 W	est I-20	D East. Odess	a, TX 79765 Ph:	915-563-1800
EN	VIKUNMENIAL LAB U	F IEXAS I,	LID.	12600 W	est 1-20	U Last, Odess	a, IX /9/05 Ph;	913-303-1800

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ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706 915-684-3456

Order#: G0204546 2002-10235 Project: Project Name: Linman 6" Line Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

				Date / Time	Date / Time	2	
Lab ID:	Sample :	<u>Matrix:</u>		Collected	Received	<u>Container</u>	<u>Preservative</u>
0204546-01	SEL691602BH11-5'	SOIL		9/16/02 8:00	9/18/02 15:20	4 oz glass	Ice
<u>La</u>	<u>b Testing:</u>	Rejected:	No	Ter	np: 1,5 C		
	8015M						
·	8021B/5030 BTEX	·····					
0204546-02	SEL691602BH11-10	SOIL		9/16/02 8:15	9/18/02 15:20	4 oz glass	lce
<u>La</u>	<u>b Testing:</u>	Rejected:	No	Ter	np: 1.5 C		
	8015M						
	8021B/5030 BTEX						······
0204546-03	SEL691602BH11-15'	SOIL		9/16/02 8:35	9/18/02 15:20	4 vz glass	Ice
La	b Testing:	Rejected:	No	Ten	np: 1.5 C		
	8015M						
	8021B/5030 BTEX	,					
0204546-04	SEL691602BH12-5'	SOIL		9/16/02 9:00	9/18/02 15:20	4 oz glass	Ice
<u>La</u>	<u>b Testing:</u>	Rejected:	No	Ter	up: 1.5 C		
	8015M						
	8021B/5030 BTEX						مىنىنى <u>مەركى بىرىمى بىرىمىنى بىرىمىنى بىرىمى</u> مىرىمىيە بىرىمىيە بىرىمىيە بىرىمىيە بىرىمىيە بىرىمىيە بىرىمىيە بىر
0204546-05	SEL691602BH12-10'	SOIL		9/16/02 9:15	9/18/02 15:20	4 oz glass	Ice
<u>La</u>	<u>b Testing:</u>	Rejected:	No	Ten	np: 1.5 C		
	8015M						
	8021B/5030 BTEX					······································	
0204546-06	SEL691602BH12-15'	SOIL		9/16/02 9:25	9/18/02 15:20	4 oz glass	Ice
<u>La</u>	<u>b Testing:</u>	Rejected:	No	Ter	np: 1.5 C		
	8015M						
	8021B/5030 BTEX						
0204546-07	SEL691602BH12-20'	SOIL,		9/16/02 9:40	9/18/02 15:20	4 oz glass	Ice
La	<u>b Testing:</u>	Rejected:	No	Ter	np: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80

MIDLAND, TX 79706

915-684-3456

Order#:G0204546Project:2002-10235Project Name:Linman 6" LineLocation:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

			Date / Time	Date / Time		
<u>Lab ID:</u>	Sample :	<u>Matrix:</u>	Collected	Received	Container	Preservative
0204546-14	WEL691602BH10MW	WATER	9/16/02 15:15	9/18/02 15:20	40 ml glass	Ice, HCI
Lai	b Testing:	Rejected: No	Tem	ip: 1.5 C		
	8021B/5030 BTEX					

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FRANK HERNAND ENRON TRANSPO 5805 E. HWY. 80 MIDLAND, TX 79'	VEZ RTATION SYST	EMS		Order#: Project: Project Nam Location:	G02(2002 e: Linn None	14546 -10235 1an 6'' Line Given	
Lab ID:	0204546-01						
Sample ID:	SEL691602BH11	-5'					
				8015M			
	Method	Date	Date	Sample	Dilution		
	Blank	Prepared	Analyzed	Amount	<u>Factor</u>	Analyst	Method
			9/19/02	1	1	СК	8015M
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
		TOTAL, C6-C35		<10.0		10.0	
	Method <u>Blank</u>	Date <u>Prepared</u>	80211 Date <u>Analyzed</u>	3/5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method
	0003198-02		9/21/02 17:07	1	25	СК	8021B
		Parameter		Result mg/kg	t	RL	
		Benzene		<0.025	5	0.025	
		Ethylbenzene		<0.025	5	0.025	
		Toluene		<0.025	5	0.025	
		p/m-Xylene		<0.025	5	0.025	
		o-Xylene		<0.025	5	0.025	
					_		
		Surroga	tes	% Recovered	QC Lim	its (%)	
		aaa-Toluene)	104%	80	120	
		Bromofluoro	benzene	103%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

FRANK HERNA ENRON TRANS 5805 E. IIWY, 8 MIDLAND, TX	NDEZ FORTATION SYSTEMS 0 79706			Order#: Project: Project Name: Location:	G0204546 2002-10235 Linman 6" Line None Given	
Lab ID: Sample ID:	0204546-02 SEL691602BH11-10'					
				8015M		
	Method	Date	Date	Sample	Dilution	

<u>Blank</u>	Prepared	<u>Analyzed</u> 9/19/02	Amount I	Factor (<u>Analyst</u> CK	Method 8015M
	Parameter		Resu mg/k	olt sg	RL	
	GRO, C6-C12		<10.	0	10.0	
	DRO, >C12-C35		<10.	.0	10.0	
	TOTAL, C6-C3	5	<10.	0	10.0	

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
Blank	Prepared	Analyzed	Amount	Factor	Analyst	Method
0003198-02		9/21/02	L	25	СК	8021B
		17.29				

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	93%	80	120
Bromofluorobenzene	92%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYSTE 0 79706	MS		Order#: Project: Project Name Location:	G02 2002 e: Lini Non	04546 2-10235 man 6" Line e Given	
Lab ID: Sample ID:	0204546-03 SEL691602BH11-	15'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/19/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	Analyst CK	Method . 8015M
		Parameter		Result mg/kg	:	RL	
		GRO, C6-C12	·····	<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
		DOTAL OF CORE		-10.0	1	10.0	
	ĺ	101AL, C6-C35	8021B			10,0	
-	Method <u>Blank</u>	Date <u>Prepared</u>	8021 B Date <u>Analyzed</u>	S/5030 BTEX Sample <u>Amount</u>	Dilution Factor	Analyst	Method
-	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u>	8021B Date <u>Analyzed</u> 9/21/02 17:51	Sample <u>Amount</u>	Dilution <u>Factor</u> 25	Analyst CK	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003198-02	Date Prepared Parameter	80218 Date <u>Analyzed</u> 9/21/02 17:51	Sample Amount I Result	Dilution <u>Factor</u> 25	Analyst CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene	8021B Date <u>Analyzed</u> 9/21/02 17:51	Sample Amount 1 Result mg/kg	Dilution <u>Factor</u> 25	Analyst CK RL 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003198-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene	8021 B Date <u>Analyzed</u> 9/21/02 17:51	<10.0 8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025	<u>Method</u> 8021B
-	Method	Date Prepared Parameter Benzene Ethylbenzene Toluene	8021B Date <u>Analyzed</u> 9/21/02 17:51	<10.0	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025	<u>Method</u> 8021B
	Method 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021B Date <u>Analyzed</u> 9/21/02 17:51	<10.0	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021 B Date <u>Analyzed</u> 9/21/02 17:51	<10.0	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/21/02 17:51	<10.0	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025	Method 8021B
-	Method <u>Blank</u> 0003198-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surroga aaa-Toluene	8021B Date <u>Analyzed</u> 9/21/02 17:51	<10.0	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025	Method 8021B

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ANALYTICAL REPORT

FRANK HERNANDEZ	Order#:	G0204546
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
5805 E. HWY. 80	Project Name:	Linman 6" Line
MIDLAND, TX 79706	Location:	None Given

Lab ID:	
Sample ID:	

SEL691602BH12-5'

0204546-04

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/19/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 5	<u>Aonlyst</u> CK	Method 8015M
	Parameter		Resul mg/kg	lt g	RL	
	GRO, C6-C12		2740)	50.0	
	DRO, >C12-C35		2840	·····	50.0	
	TOTAL, C6-C35		5580		50.0	

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method
0003199-02		9/23/02 22:18	1	100	СК	8021B

Parameter	Result mg/kg	RL
Benzene	17.1	0.100
Ethylbenzene	46.5	0.100
Toluene	73.5	0.100
p/m-Xylene	74.6	0.100
o-Xylene	33.7	0.100

Surrogates	% Recovered	QC Li	QC Limits (%)	
aaa-Toluene	1110%	80	120	
Bromofluorobenzene	130%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY, 80 MIDLAND, TX	PORTATION SYST	EMS		Order#: Project: Project Nam Location:	G0 200 e: Lin No	204546 02-10235 uman 6" Line ne Given	
Lab ID: Sample ID:	0204546-05 SEL691602BH12	2-10'					
				8015M			
	Method Blank	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilutio <u>Facto</u>	n <u>r Analyst</u>	Method
			9/19/02	1	5	СК	8015M
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12		4500		50.0	
		DRO, >C12-C35	;	5930		50.0	
		TOTAL OC ON	5	10/30		50.0	
	Mathad	D-tt	80211	B/5030 BTEX			
	Method <u>Blank</u> 0003199-02	Date Prepared	<i>80211</i> Date <u>Analyzed</u> 9/23/02 22:40	1 10430 B/5030 BTEX Sample <u>Amount</u> 1	Dilutio <u>Factor</u> 100	n <u>Analyst</u> CK	Method 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter	<i>80211</i> Date <u>Analyzcd</u> 9/23/02 22:40	3/5030 BTEX Sample <u>Amount</u> 1 Resul	Dilutio <u>Factor</u> 100 t	n <u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene	9 Date <u>Analyzed</u> 9/23/02 22:40	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 11.8	Dilutio <u>Factor</u> 100 t	n <u>Analyst</u> CK RL 0.100	Method 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene	<i>80211</i> Date <u>Analyzed</u> 9/23/02 22:40	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 11.8 45.7	Dilutio <u>Factor</u> 100	II <u>Analyst</u> CK RL 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene	9 Date <u>Analyzcd</u> 9/23/02 22:40	B/5030 BTEX Sample Amount 1 Result mg/kg 11.8 45.7 60.3	Dilutio <u>Factor</u> 100 t	RL 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene	9 Date <u>Analyzed</u> 9/23/02 22:40	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 11.8 45.7 60.3 72.0	Dilutio <u>Factor</u> 100	RL 0.100 0.100 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	<i>80211</i> Date <u>Analyzcd</u> 9/23/02 22:40	Result Result 1 Result 11.8 45.7 60.3 72.0 33.0	Dilutio <u>Factor</u> 100 t	RL 0.100 0.100 0.100 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	80211 Date <u>Analyzcd</u> 9/23/02 22:40	Result Result mg/kg 11.8 45.7 60.3 72.0 33.0	Dilutio <u>Factor</u> 100 t	RL 0.100 0.100 0.100 0.100 0.100 0.100 0.100	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surroga aaa-Toluen	80211 Date <u>Analyzcd</u> 9/23/02 22:40	Result Result 1 Result 1 8/5030 BTEX Sample Amount 1 Result mg/kg 11.8 45.7 60.3 72.0 33.0 % Recovered 947%	Dilutio Factor 100 t QC Li 80	RL 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNAI ENRON TRANSF	NDEZ PORTATION SYSTEMS	Order#: Project:	G0204546 2002-10235	
5805 E. HWY, 80 MIDLAND, TX	79706	Project Name: Location:	Linman 6" Line None Given	
Lab ID:	0204546-06			, , , , , , , , , , , , , , , , , , ,

· •		-1-	TI	n.
	m	nie.		
Da		DIC		••

SEL691602BH12-15'

TOTAL, C6-C35

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/19/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> l	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Resul	lt g	RL	
	GRO, C6-C12		<10.0)	10.0	
	DRO, >C12-C35		<10.0)	10.0	

8021B/5030 BTEX

<10.0

10.0

Method Blank	Date Prenared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003199-02	ALIGNALOG	9/23/02	1	25	CK	8021B
		13:00				

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	0.030	0.025
Toluene	0.028	0.025
p/m-Xylenc	0.063	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC LI	mits (%)
aaa-Toluene	89%	80	120
Bromofluorobenzene	100%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNANE ENRON TRANSPO 5805 E. HWY. 80 MIDLAND, TX 79	DEZ RTATION SYST 706	EMS		Order#: Project: Project Nam Location:	G0 200 e: Lii No	204546 02-10235 1man 6" Line ne Given	
Lab ID:	0204546-07						
Sample ID:	SEL691602BH12	-20'					
				8015M			
	Method	Date	Date	Sample	Diluti	0 n	
	<u>Blank</u>	Prepared	Analyzed	Amount	Facto	<u>r Analyst</u>	Method
			9/19/02	I	1	СК	8015M
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
		TOTAL, C6-C35		<10.0		10.0	
	Method Blank	Date <u>Prepared</u>	8021E Date <u>Analyzed</u>	B/5030 BTEX Sample <u>Amount</u>	Dilutio <u>Facto</u>	on <u>r Analyst</u>	Method
	0003199-02		9/23/02 13:22	1	25	СК	8021B
		Parameter		Result mg/kg	:	RL	
		Benzene		<0.025		0.025	
		Ethylbenzene		0.038		0.025	
		Toluene		0.045		0.025	
		p/m-Xylene		0.099		0.025	
		o-Xylene		<0.025	i	0.025	
		Surroga	tes	% Recovered	QC L	mits (%)	
		aaa-Toluene)	96%	80	120	
		Bromofluoro	benzene	101%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERN ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYST 0 (79706	'EMS			Order#: Project: Project Name Location:	0 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	60204546 002-10235 .ioman 6" fone Given	Line	
Lab ID:	0204546-08								
Sample ID:	SEL691602BH1	3-5'							
				801	5M				
	Method	Nate	Date	001	Sample	na	tion		
	Blank	Prepared	Analyzed		Amount	Fac	tor A	nalyst	Method
			9/19/02		1	1		СК	8015M
		Parameter			Result mg/kg		RL		
		GRO, C6-C12			<10.0		10.0	,	F
		DRO, >C12-C35	; ;	•••••	<10.0		10.0)	
		TOTAL, C6-C35	5		<10.0		10.0)	
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u>	8021 E Date <u>Analyzed</u> 9/23/02 13:44	3/50.	30 BTEX Sample Amount 1	Dilut <u>Fact</u> 25	ion <u>or Ar</u>	<u>ialyst</u> CK	<u>Method</u> 8021B
		Parameter			Result mg/kg		RL		
		Benzene			0.026		0.025	5	
		Ethylbenzene			0.188		0.02	5	
		Toluene			0.164		0.025	;	
		p/m-Xylene			0.500		0.025	5	
		o-Xylene	· · · ·		0.142		0.025	5]	
		Surroge	ates	%	Recovered	QC I	Limits (%)		
		aaa-Toluen	8	-†	95%	80	120		

109%

80

120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

aaa-Toluene

Bromofluorobenzene

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FRANK HERNA ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYSTE 0 5 79706	MS		Order#: Project: Project Name Location:	G0204 2002-1 : Linms None	1546 10235 an 6'' Line Given	
Lab ID; Sample ID:	0204546-09 SEL691602BH13-	10'					
				8015M			
	Mcthod <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/19/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
	۱	Parameter		Result mg/kg		RL	
	Ī	GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35	i	<10.0		10.0	
	ſ	TOTAL, C6-C35	5	<10.0		10.0	
-	Method Blank	Datc <u>Prepared</u>	8021B Date <u>Analyzcd</u>	/ 5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method
	0003199-02		9/21/02 21:33	1	25	СК	8021B
		Parameter		Result mg/kg		RL	
		Benzene		<0.025		0.025	
		Ethylbenzene		<0.025		0.025	
		Toluene		<0.025		0.025	
						0.000	
		p/m-Xylene		<0.025		0.025	

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluen e	111%	80	120
Bromofluorobenzene	111%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ANALYTICAL REPORT

NRON TRANS 805 E. HWY. 8 HDLAND, TX	SPORTATION SYSTE 0 . 79706	EMS		Order#: Project: Project Nam Location:	G02 2001 e: Lin Non	04546 2-10235 man 6" Line e Given	
Lab ID:	0204546-10						
Sample ID:	SEL691602BII13	-15'					
				8015M			
	Method	Date	Date	Sample	Dilutio	a	
	Blank	Prepared	<u>Analyzed</u>	Amount	Factor	Analyst	Method
			9/19/02	ſ	1	СК	8015M
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
		TOTAL, C6-C35	5	<10.0		10.0	
			8021E	8/5030 BTEX			
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u>	8021E Date <u>Analyzed</u> 9/21/02	3/5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u> 25	Analyst CK	Method 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u>	8021E Date <u>Analyzed</u> 9/21/02 21:55	8/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	i <u>Analyst</u> CK	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter	80211 Date <u>Analyzed</u> 9/21/02 21:55	8/5030 BTEX Sample <u>Amount</u> I Result mg/kg	Dilution <u>Factor</u> 25	<u>Analyst</u> CK RL	<u>Method</u> 8021 B
	Method <u>Blank</u> 0003199-02	Date Propared Parameter Benzene	8021 Date <u>Analyzed</u> 9/21/02 21:55	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025	Dilution <u>Factor</u> 25	Analyst CK RL 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene	8021E Date <u>Analyzed</u> 9/21/02 21:55	R/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene	80211 Date <u>Analyzed</u> 9/21/02 21:55	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	80211 Date <u>Analyzed</u> 9/21/02 21:55	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025	<u>Method</u> 8021 B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	80211 Date <u>Analyzed</u> 9/21/02 21:55	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	80211 Date <u>Analyzed</u> 9/21/02 21:55	Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surroga	8021E Date <u>Analyzed</u> 9/21/02 21:55	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021 B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surrogi aaa-Toluen	8021E Date <u>Analyzed</u> 9/21/02 21:55	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit ENVIRONMENTAL LAB OF TEXAS I, LTD. 12 Page 10 of 14

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ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYST 0 79706	ems		Order#: Project: Project Nam Location:	G020- 2002- e: Linm: None	4546 10235 an 6" Line Given	
Lab 1D: Sample ID:	0204546-11 SEL691602BH14	-5'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/19/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
		(
		Parameter		Result mg/kg	t	RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0	· · · _	10.0	
		TOTAL, C6-C35		<10.0		10.0	
	Method <u>Riank</u>	Date <u>Prepared</u>	8021B Date <u>Analyzed</u>	2/5030 BTEX Sample <u>Amount</u>	Dilution Factor	Analyst	Method
	0003199-02		9/21/02 22:17	1	25	СК	8021B
		Parameter		Result mg/kg	t	RL	
		Benzene	······	<0.025	5	0.025	
		Ethylbenzene	-	<0.025	5	0.025	
		Toluene		<0.025	5	0.025	
		p/m-Xylcne		<0.025	5	0.025	

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	106%	80	120
Bromofluorobenzene	106%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYSTI 10 : 79706	EMS		Order#: Project: Project Nam Location:	G0204 2002-1 e: Linma None (546 0235 111 6" Line Given		
Lab ID: Sample ID:	0204546-12 SEL691602BH14	-10'						
				8015M				
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method	
			9/19/02	1	t	СК	8015M	
		Parameter		Resul mg/kg	t	RL		
		GRO, C6-C12		<10.0		10.0		
		DRO, >C12-C35		<10.0		10.0		
		TOTAL, C6-C35	;	<10.0		10.0		
			8021B	/5030 BTEX				
	Method	Date	Date	Sample	Dilution	Amabuat	Mathod	
	Biank	repared	9/21/02	<u>1</u>	25	CK	8021B	
	0003199-02		J/21/02	*		Ch	OUMAD.	

22:39

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Li	C Limits (%)		
aaa-Toluene	101%	80	120		
Bromofluorobenzene	103%	80	120		

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 W

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

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ANALYTICAL REPORT

ENRON TRANSPORT 5805 E. HWY. 80 MIDLAND, TX 7970(6	EMS		Order#: Project: Project Name Location:	G02 2002 :: Lint Non	04546 2-10235 nan 6" Lin e e Given	
Lab ID: 02	204546-13						
Sample ID: Sl	EL691602BH14	-15'					
				8015M			
	Mcthod	Date	Date	Sample	Dilution	n	
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
			9/19/02	1	1	СК	8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0		10.0	
		TOTAL, C6-C35		<10.0		10.0	
	Method <u>Blank</u>	Date <u>Prepared</u>	8021E Date <u>Analyzed</u>	3/5030 BTEX Sample <u>Amount</u>	Dilution <u>Factor</u>	a <u>Analyst</u>	Method.
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u>	8021E Datc <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 25	a <u>Analyst</u> CK	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter	8021E Date <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilution <u>Factor</u> 25	n <u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene	8021E Datc <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025	Dilutior <u>Factor</u> 25	n <u>Analyst</u> CK RL 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene	8021E Datc <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025	Dilution <u>Factor</u> 25	Analyst CK RL 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene	8021E Datc <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025	Dilution Eactor 25	Analyst CK RL 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021E Datc <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025	Dilution Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021E Datc <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025	Dilution <u>Factor</u> 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021E Date <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Eactor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
-	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzenc Ethylbenzene Toluene p/m-Xylene o-Xylene Surroga aaa-Toluene	8021E Datc <u>Analyzed</u> 9/21/02 23:02	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilution Factor 25 QC Lin 80	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

Sep 30 02 10:33a

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

MIDLAND, 1X /9/06	Location:	None Given
MINI AND TV TOTOC		N 01
5805 E. HWY. 80	Project Name:	Linman 6" Line
ENRON TRANSPORTATION SYSTEMS	Project:	2002-10235
FRANK HERNANDEZ	Order#:	G0204546

Lab ID: Sample ID: 0204546-14 WEL691602BH10MW

		8021E	B/5030 BTEX			
Method <u>Blank</u> 0003245-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/27/02 17:21	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 10	<u>Analyst</u> CK	Method 8021B
	Parameter		Result mg/L		RL.	
	Benzene		0.482		0.010	
	Ethylbenzene		0.246		0.010	
	Toluene		1.08		0.010	
i	p/m-Xylene		0.362		0.010	
·	o-Xylene		0.155		0.010	

Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	98%	80	120	
Bromofluorobenzene	92%	80	120	

Approval: Kaland KJu Q-30-02 Date

Raland K. Tuttle, Lab Director, QA Officer Celey D. Keene, Org. Tech. Director Jeanne McMurrey, Inorg. Tech. Director Sandra Biezugbe, Lab Tech. Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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QUALITY CONTROL REPORT

8015M

Order#: G0204546

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003201-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr,	QC Test Result	Pct (%) Recovery	RPÐ
TOTAL, C6-C35-mg/kg		0204546-02	0	952	1180	123.9%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	·	0204546-02	0	952	1190	125.%	0.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003201-05		1000	1220	122.%	

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QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204546

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003198-02			<0.025		
Benzene-mg/kg		0003199-02			<0.025		
Benzene-mg/L		0003245-02			<0.001		
Ethylbenzene-mg/kg		0003198-02			<0.025		
Ethylbenzene-mg/kg		0003199-02			<0.025		
Ethylbenzene-mg/L		0003245-02		• ·	<0.001		
Toluene-mg/kg		0003198-02			<0.025		
Toluene-mg/kg		0003199-02		+	<0.025		<u></u> ,
Toluene-mg/L		0003245-02			<0.001		
p/m-Xylene-mg/kg		0003198-02			<0.025		
p/m-Xylene-mg/kg		0003199-02			<0.025		
p/m-Xylene-mg/L		0003245-02			<0.001		
o-Xylenc-mg/kg		0003198-02			<0.025		
o-Xylene-mg/kg		0003199-02	······	1	<0.025		
o-Xylene-mg/L		0003245-02		<u> </u>	<0.001		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204546-03	0	0.1	0.102	102.%	
Benzene-mg/kg		0204546-13	0	0.1	0.110	110.%	
Benzene-mg/L		0204610-04	0	0.1	0.096	96.%	
Ethylbenzene-mg/kg		0204546-03	0	0.1	0.108	108.%	
Ethylbenzene-mg/kg		0204546-13	0	0.1	0.115	115.%	, . .
Ethylbenzene-mg/L		0204610-04	0	0.1	0.098	98.%	
Toluene-mg/kg		0204546-03	0	0.1	0.108	108.%	
Toluene-mg/kg	, <u> </u>	0204546-13	0	0.1	0.114	114.%	
Toluene-mg/L		0204610-04	0	0.1	0.100	100.%	
p/m-Xylene-mg/kg		0204546-03	0	0.2	0.226	113.%	
p/in-Xylene-mg/kg		0204546-13	0	0.2	0.230	115.%	
p/m-Xylene-mg/L		0204610-04	0	0.2	0.208	104.%	
o-Xylene-mg/kg		0204546-03	0	0.1	0.106	106.%	
o-Xylene-mg/kg		0204546-13	0	0.1	0.113	113.%	
o-Xylene-mg/L		0204610-04	0	0.1	0.098	98.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204546-03	0	0.1	0.100	100.%	2.%
Benzene-mg/kg	<u> </u>	0204546-13	0	0.1	0.108	108.%	1.8%
Benzene-mg/L		0204610-04	0	0.1	0.102	102.%	6.1%
Ethylbenzene-mg/kg		0204546-03	0	0.1	0.109	109.%	0.9%
Ethylbenzene-mg/kg		0204546-13	0	0.1	0.113	113.%	1.8%
Ethylbenzene-mg/L		0204610-04	0	0.1	0.104	104.%	5.9%

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QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0204546

MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Toluene-mg/kg	····•	0204546-03	0	0.1	0.104	104.%	3.8%
Toluene-mg/kg		0204546-13	0	0.1	0.112	112.%	1.8%
Toluene-mg/L		0204610-04	0	0.1	0.105	105.%	4.9%
p/m-Xylene-mg/kg		0204546-03	0	0.2	0.225	112.5%	0.4%
p/m-Xylene-mg/kg		0204546-13	0	0.2	0.228	114.%	0.9%
p/m-Xylene-mg/L		0204610-04	0	0.2	0.221	110.5%	6.1%
o-Xylene-mg/kg	<u>-</u>	0204546-03	0	0.1	0.105	105.%	0.9%
o-Xylene-mg/kg		0204546-13	0	0.1	0.111	111.%	1.8%
o-Xylene-mg/L		0204610-04	0	0.1	0.105	105.%	6.9%
SRM	SOIL	LAB-1D #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003198-05		0.1	0.101	101.%	
Benzene-mg/kg		0003199-05	μη μι με το το το το το το το το το το το το το	0.1	0.104	104.%	
Benzene-mg/L		0003245-05		0.1	0.095	95.%	
Ethylbenzene-mg/kg		0003198-05		0.1	0.105	105.%	
Ethylbenzene-mg/kg		0003199-05		0.1	0.109	109.%	
Ethylbenzene-mg/L		0003245-05		0.1	0.097	97.%	
Toluene-mg/kg		0003198-05		0.1	0.107	107.%	
Toluene-mg/kg		0003199-05		0.1	0.108	108.%	
Tolucne-mg/L		0003245-05		0.1	0.098	98.%	
p/m-Xylene-mg/kg		0003198-05		0.2	0.218	109.%	
p/m-Xylene-mg/kg		0003199-05		0.2	0.230	115.%	
p/m-Xylene-mg/L		0003245-05		0.2	0.207	103.5%	
o-Xylene-mg/kg		0003198-05		0.1	0.104	104.%	
o-Xylene-mg/kg		0003199-05		0.1	0.108	108.%	
o-Xylene-mg/L		0003245-05		0.1	0.098	98.%	

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CASE NARRATIVE ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Order#: G0204546

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman 6" Line

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SEL691602BH11-5'	0204546-01	SOIL	09/16/2002	09/18/2002
SEL691602BH11-10'	0204546-02	SOIL	09/16/2002	09/18/2002
SEL691602BH11-15'	0204546-03	SOIL	09/16/2002	09/18/2002
SEL691602BH12-5'	0204546-04	SOIL	09/16/2002	09/18/2002
SEL691602BH12-10'	0204546-05	SOIL	09/16/2002	09/18/2002
SEL691602BH12-15'	0204546-06	SOIL	09/16/2002	09/18/2002
SEL691602BH12-20'	0204546-07	SOIL	09/16/2002	09/18/2002
SEL691602BH13-5'	0204546-08	SOIL	09/16/2002	09/18/2002
SEL691602BH13-10'	0204546-09	SOIL	09/16/2002	09/18/2002
SEL691602BH13-15'	0204546-10	SOIL	09/16/2002	09/18/2002
SEL691602BH14-5'	0204546-11	SOIL	09/16/2002	09/18/2002
SEL691602BH14-10'	0204546-12	SOIL	09/16/2002	09/18/2002
SEL691602BH14-15'	0204546-13	SOIL	09/16/2002	09/18/2002
WEL691602BH10M	0204546-14	WATER	09/16/2002	09/18/2002

Surrogate recoveries are outside control limits due to interference from coeluting compounds

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:

<u>Kalandk</u> Jull Environmental Lab of Texas I, Ltd.

Date: 50-02

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ANALYTICAL REPORT

Prepared for:

FRANK HERNANDEZ ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

 Project:
 Linman 6" Line

 PO#:
 2002-10235

 Order#:
 G0204548

Report Date: 09/24/2002

<u>Certificates</u> US EPA Laboratory Code TX00158 Ŧ

ENVIRONMENTAL LAB OF TEXAS SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

915-684-3456

Order#:G0204548Project:2002-10235Project Name:Linman 6" LineLocation:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lah ID.	Sample :	Matrix		Date / Tim Collected	le J	Date / Time Received	Container	Pressruativa
0204548-01	SEL691702BH15-5	SOIL		9/17/02	<u> </u>	9/18/02	4 oz glass	lce
I al	Testing	Rejected:	No	8:15	Temn	15:20		
Litt	PO15M	Mejecteur			ւսպ.	1.5 C		
	8021B/5030 BTEX							
0204548-02	SEL691702BH15-10'	SOIL		9/17/02 8:30		9/18/02 15:20	4 oz glass	Ice
<u>Lat</u>	Testing:	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204548-03	SEL691702BH15-15'	SOIL		9/17/02 8:50		9/18/02 15:20	4 oz glass	lce
Lat	Testing:	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX					·		
0204548-04	SEL691702BH15-20'	SOIL		9/17/02 9:05		9/18/02 15:20	4 oz glass	Ice
Lat	Testing:	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204548-05	SEL691702BH16-5'	SOIL		9/17/02 11:15		9/18/02 15:20	4 oz glass	Ice
Lat	<u>Testing:</u>	Rejected:	No		Temp:	1.5 C		
ł	8015M							
	8021B/5030 BTEX							
0204548-06	SEL691702BH16-10'	SOIL		9/17/02 11:35		9/18/02 15:20	4 oz glass	lce
<u>Lat</u>	Testing:	Rejected:	No		Тстр:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204548-07	SEL691702BH16-15'	SOIL		9/17/02 11:50		9/18/02 15:20	4 oz glass	Ice
					_			

SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80

MIDLAND, TX 79706

915-684-3456

Sep, 25 02 05:30p

Order#:G0204548Project:2002-10235Project Name:Linman 6" LineLocation:None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

				Date / Tin	ne I	Date / Time		
Lab ID:	Sample :	<u>Matrix:</u>		Collected	<u>d</u>	Received	Container	Preservative
	8021B/5020 BTEY							
	8021D/3030 D1EA							
0204548-08	SEL691702BH16-20'	SOIL		· 9/17/02		9/18/02	4 oz glass	Ice
				12:40		15:20		
<u>La</u>	<u>ab Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX					· · · · · · · · · · · · · · · · · · ·		
0204548-09	SEL691702BH16-25'	SOIL		9/17/02		9/18/02	4 oz glass	Ice
				13:20		15:20		
<u>La</u>	ab Testing:	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204548-10	SEL691702BH16-30	SOIL		9/17/02		9/18/02	4 oz glass	Ice
				14:00		15:20		
<u>La</u>	<u>ıb Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
0204548-11	SEL691702BH16-35'	SOIL		9/17/02		9/18/02	4 oz glass	Ice
				14:45		15:20		
<u>La</u>	<u>ıb Testing:</u>	Rejected:	No		Temp:	1.5 C		
	8015M							
	8021B/5030 BTEX							
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ANALYTICAL REPORT

ENRON TRANSPOR 5805 E. HWY. 80 MIDLAND, TX 797	EZ RTATION SYSTI 706	EMS		Order#: Project: Project Nam Location:	G02 200 e: Lin Non	204548 2-10235 aman 6'' Line ac Given	
Lab ID:	0204548-01						
Sample ID:	SEL691702BH15	-5'					
				8015M			
	Method	Date	Date	Sample	Dilutio	n	
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
			9/19/02	I	10	СК	8015M
		Parameter		Resul mg/kg	t	RL	
		GRO, C6-C12		8060		100	
		DRO, >C12-C35		7970		100	
		TOTAL, C6-C35	5	16030	. 1	100	
	Method <u>Blank</u>	TOTAL, C6-C35 Date <u>Prepared</u>	5 80211 Date <u>Analyzed</u> 073/02	16030 B/5030 BTEX Sample <u>Amount</u>	Dilution Factor	100	Method
	Method <u>Blank</u> 0003199-02	TOTAL, C6-C35 Datc <u>Preparcd</u>	5 80211 Date <u>Analyzed</u> 9/23/02 23:02	16030 8/5030 BTEX Sample <u>Amount</u> 1	Dilution Factor 500	100 Analyst CK	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter	5 80211 Date <u>Analyzed</u> 9/23/02 23:02	I 6030 B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilution Factor 500	100 A <u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Biank</u> 0003199-02	Date Prepared Parameter Benzene	5 Date <u>Analyzed</u> 9/23/02 23:02	16030 3/5030 BTEX Sample Amount 1 Result mg/kg 39.8	Dilution <u>Factor</u> 500	100 Analyst CK RL 0.500	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene	5 Bate <u>Analyzed</u> 9/23/02 23:02	16030 B/5030 BTEX Sample Amount 1 Result mg/kg 39.8 248	Dilution Factor 500	100 Analyst CK RL 0.500 0.500	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Datc <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene	5 80211 Date <u>Analyzed</u> 9/23/02 23:02	16030 B/5030 BTEX Sample Amount 1 Result mg/kg 39.8 248 296	Dilutio Factor 500	100 Analyst CK RL 0.500 0.500 0.500	<u>Method</u> 8021B
	Method <u>Biank</u> 0003199-02	Datc Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	5 Date <u>Analyzed</u> 9/23/02 23:02	I6030 B/5030 BTEX Sample Amount 1 Result mg/kg 39.8 248 296 517	Dilution Factor 500	100 Analyst CK RL 0.500 0.500 0.500 0.500	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	5 Bate <u>Analyzed</u> 9/23/02 23:02	I6030 B/5030 BTEX Sample Amount 1 Result mg/kg 39.8 248 296 517 263	Dilution Factor 500	100 Analyst CK RL 0.500 0.500 0.500 0.500 0.500	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	5 B0211 Date <u>Analyzed</u> 9/23/02 23:02	I6030 B/5030 BTEX Sample Amount 1 Result mg/kg 39.8 248 296 517 263 % Recovered	Dilution Factor 500	100 Analyst CK RL 0.500 0.500 0.500 0.500 0.500 0.500	<u>Method</u> 8021B
	Method <u>Blaak</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surrog. aaa-Toluen	5 80211 Date <u>Analyzed</u> 9/23/02 23:02 ates 10	I6030 B/5030 BTEX Sample Amount 1 Result mg/kg 39.8 248 296 517 263 % Recovered 864%	Dilution Factor 500	100 Analyst CK RL 0.500 0.500 0.500 0.500 0.500 0.500 0.500	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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Sep, 25 02 05:30p

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 8 MIDLAND, TX	ANDEZ SPORTATION SYST 0 79706	EMS		Order#; Project: Project Name Location:	G0204 2002-1 : Linm None (548 10235 an 6" Line Given		
Lab 1D: Sample ID:	0204548-02 SEL691702BH1	5-10'						
				8015M				
	Method <u>Blank</u>	Date Prepared	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method	
			9/19/02	1	10	СК	8015M	
		Parameter		Result mg/kg		RL		
		GRO, C6-C12	· · · · · · · · · · · · · · · · · · ·	19600		100		
		DRO, >C12-C35		18300		100		

TOTAL, C6-C35

8021B/5030 BTEX

37900

100

Method <u>Blank</u>	Datc <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0003199-02		9/23/02	1	1000	СК	8021B
		23:24				

Parameter	Result mg/kg	RL
Benzene	97.1	1.00
Ethylbenzene	474	1.00
Toluene	572	1.00
p/m-Xylenc	926	1.00
o-Xylene	481	1.00

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	1070%	80	120
Bromofluorobenzene	167%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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Sep, 25 02 05:31p

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

RANK HERNA NRON TRANS 805 E. HWY. 80 HDLAND, TX	PORTATION SYSTE 79706	EMS		Order#: Project: Project Name Location:	GU 200 : Lin Nor	204548 2-10235 Iman 6" Line Ic Given	
Lab ID:	0204548-03						
Sample ID:	SEL691702BH15	-15'					
				8015M			
	Method	Date	Date	Sample	Dilutio	n	
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
			9/20/02	1	1	СК	8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		21.0		10.0	
		TOTAL CE-C35		21.0		10.0	
	Method	Date	8021B	2/5030 BTEX	Dilutin		
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u>	8021 B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1	Dilutio <u>Factor</u> 25	n <u>Analyst</u> CK	Method 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter	8021B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilutio <u>Factor</u> 25	n <u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene	8021B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025	Dilutio <u>Factor</u> 25	n <u>Analyst</u> CK RL 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene	8021 B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025	Dilutio <u>Factor</u> 25	n <u>Analyst</u> CK RL 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene	8021B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025	Dilutio <u>Factor</u> 25	RL 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025	Dilutio <u>Factor</u> 25	RL 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025	Dilutio <u>Factor</u> 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025	Dilutio Factor 25	Analyst CK RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B
	Method <u>Blank</u> 0003199-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surroga aaa-Toluene	8021B Date <u>Analyzed</u> 9/22/02 13:37	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg <0.025 <0.025 <0.025 <0.025 <0.025 <0.025	Dilutio Factor 25 QC Lin 80	RL 0.025 0.025 0.025 0.025 0.025 0.025 0.025	<u>Method</u> 8021B

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ANALYTICAL REPORT

MIDLAND, T	X 79706	Location:	None Given	
5805 E. HWY.	80	Project Name:	Linman 6" Line	
ENRON TRAN	NSPORTATION SYSTEMS	Project:	2002-10235	
FRANK HERN	NANDEZ	Order#:	G0204548	

Sample ID:

SEL691702BH15-20'

			8015M			
Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/20/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	<u>Method</u> 8015M
	Parameter		Resu mg/kg	lt g	RL	
	GRO, C6-C12	·····	<10.0)	10.0	
	DRO, >C12-C35		<10.0)	10.0	
	TOTAL, C6-C35		<10.0)	10.0	

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
Blank	Prepared	<u>Analyzed</u>	Amount	Factor	<u>Analyst</u>	Method
0003199-02		9/22/02	1	25	СК	8021B
		13:59				

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Li	nits (%)	
aaa-Toluene	104%	80	120	
Bromofluorobenzene	104%	80	120	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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Sep, 25 02 05:31p

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNAND ENRON TRANSPOL 5805 E. HWY. 80 MIDLAND, TX 797	EZ RTATION SYSTI /06	EMS		Order#: Project: Project Name Location:	G020 2002 e: Linn None	4548 -10235 aun 6" Line Given	
Lab ID: Sample ID:	0204548-05 SEL691702BH16	i-5'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/20/02	Sample <u>Amount</u>	Dilution <u>Factor</u> 5	<u>Analyst</u>	<u>Method</u>
			//20/02	•	3	CK	3013 WI
		Parameter		Result mg/kg	t	RL	
		GRO, C6-C12		3950		50.0	
		DRO, >C12-C35		4000		50.0	
		TOTAL, C6-C35		7950		50.0	
	Method <u>Blank</u> 0003199-02	Datc <u>Prepared</u>	Date <u>Analyzed</u> 9/23/02 23:46	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 200	<u>Analyst</u> CK	<u>Method</u> 8021B
		Parameter	<u>. </u>	Result mg/kg	:	RL	
		Parameter Benzene		Result mg/kg 5.37	:	RL 0.200	
		Parameter Benzene Ethylbenzene		Result mg/kg 5.37 35.9	:	RL 0.200 0.200	
		Parameter Benzene Ethylbenzene Toluene		Result mg/kg 5.37 35.9 43.2	:	RL 0.200 0.200 0.200	
		Parameter Benzene Ethylbenzene Toluene p/m-Xylene		Result mg/kg 5.37 35.9 43.2 73.1		RL 0.200 0.200 0.200 0.200	
		Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene		Result mg/kg 5.37 35.9 43.2 73.1 31.0		RL 0.200 0.200 0.200 0.200 0.200 0.200	
		Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	tes	Result mg/kg 5.37 35.9 43.2 73.1 31.0 % Recovered	QC Lim	RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 its (%)	
		Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surroga aaa-Toluene	tes	Result mg/kg 5.37 35.9 43.2 73.1 31.0 % Recovered 514%	QC Lim	RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200	

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

RANK HERNANDEZ NRON TRANSPORTATION SYSTEMS 805 E. HWY. 80 IIDLAND, TX 79706				Order#: Project: Project Name: Location:	G020 2002- Linm None	4548 10235 1an 6'' Line Given	
Lab ID:	0204548-06						
Sample ID:	SEL691702BH16	-10'					
				8015M			
	Method	Date	Date	Sample	Dilution		
	<u>Blank</u>	Prepared	<u>Analyzed</u> 9/20/02	<u>Amount</u> 1	<u>Factor</u> 10	<u>Analyst</u> CK	Method 8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		7630		100	
		DRO, >C12-C35		7860		100	
		TOTAL, C6-C3	5	15490		100	
	Method <u>Blank</u> 0003200-02	Date Prepared	8021E Date <u>Analyzed</u> 9/24/02 14:49	8/5030 BTEX Sample <u>Amount</u> 1	Dilution <u>Factor</u> 200	<u>Analyst</u> CK	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter	8021E Date <u>Analyzed</u> 9/24/02 14:49	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilution <u>Factor</u> 200	<u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene	8021B Date <u>Analyzed</u> 9/24/02 14:49	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 28.2	Dilution <u>Factor</u> 200	Analyst CK RL 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene	8021B Date <u>Analyzed</u> 9/24/02 14:49	X/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 28.2 98.0	Dilution Factor 200	Analyst CK RL 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene	8021B Date <u>Analyzed</u> 9/24/02 14:49	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 28.2 98.0 140	Dilution <u>Factor</u> 200	Analyst CK RL 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021B Date <u>Analyzed</u> 9/24/02 14:49	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 28.2 98.0 140 154	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021E Date <u>Analyzed</u> 9/24/02 14:49	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 28.2 98.0 140 154 67.8	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/24/02 14:49	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 28.2 98.0 140 154 67.8	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 1.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surrog: aaa-Toluen	8021B Date <u>Analyzed</u> 9/24/02 14:49	2/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 28.2 98.0 140 154 67.8 % Recovered 966%	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 1.20	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

ENRON TRANSPO 1805 E. HWY. 80 MIDLAND, TX 79	RTATION SYSTE	EMS		Order#: Project: Project Name: Location:	G02 200 : Lit Nor	204548 2-10235 uman 6'' Line ue Given	
Lab ID:	0204548-07						
Sample ID:	SEI.691702BH16	-15'					
				8015M			
	Method	Date	Date	Sample	Dilutio	n	
	Blank	Prepared	Analyzed	Amount	Factor	<u>Analyst</u>	Method
			9/20/02	I	10	СК	8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		11400		100	
		DRO, >C12-C35	5	12100		100	
		TOTAL, C6-C3	5	23500		100	
	Method	Date	80211	3/5030 BTEX	Dilutio	73	
	Method <u>Biank</u> 0003200-02	Date <u>Prepared</u>	80211 Date <u>Analyzed</u> 9/24/02 15:11	3/5030 BTEX Sample <u>Amount</u> 1	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK	Method 8021B
	Method <u>Biank</u> 0003200-02	Date <u>Prepared</u> Parameter	80211 Date <u>Analyzed</u> 9/24/02 15:11	3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene	80211 Date <u>Aualyzed</u> 9/24/02 15:11	3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 27.9	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK RL 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzenc	80211 Date <u>Avalyzed</u> 9/24/02 15:11	3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 27.9 120	Dilutio Factor 200	n <u>Analyst</u> CK RL 0.200 0.200	<u>Method</u> 8021B
	Method <u>Biank</u> 0003200-02	Date <u>Prepared</u> Parameter Benzene Ethylbenzenc Toluene	80211 Date <u>Analyzed</u> 9/24/02 15:11	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 27.9 120 187	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK RL 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzenc Toluene p/m-Xylene	80211 Date <u>Analyzed</u> 9/24/02 15:11	3/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 27.9 120 187 185	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK RL 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzenc Toluene p/m-Xylene o-Xylene	80211 Date <u>Analyzed</u> 9/24/02 15:11	B/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 27.9 120 187 185 78.5	Dilutio <u>Factor</u> 200	n <u>Analyst</u> CK RL 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzenc Toluene p/m-Xylene o-Xylene	80211 Date <u>Analyzed</u> 9/24/02 15:11	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 27.9 120 187 185 78.5	Dilutio Factor 200	n <u>Analyst</u> CK RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzenc Toluene p/m-Xylene o-Xylene Surrog aaa-Toluer	80211 Date <u>Analyzed</u> 9/24/02 15:11	8/5030 BTEX Sample <u>Amount</u> 1 Result mg/kg 27.9 120 187 185 78.5	Dilutio Factor 200 QC Lin 80	n Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B

DL - Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600

ANALYTICAL REPORT

FRANK HERNA ENRON TRANS 5805 E. HWY. 80 MIDLAND, TX	ANDEZ SPORTATION SYST 0 79706	EMS		Order# Project Project Locatio	: 0 : 2 Name: n: N	G0204548 2002-102: Linman (None Giv	8 35 6" Line en		
Lab ID:	0204548-08		_						
Sample ID:	SEL691702BH16	i-20'							
				8015M					
	Method	Date	Date	Sample	Dilu	tion			
	Blank	Prepared	Analyzed	Amount	Fac	tor	Analyst	Method	
			9/20/02	1	1	0	СК	8015M	
		Parameter		R	esult ng/kg	R	L		
		GRO, C6-C12			3880	1	00		
		DRO, >C12-C35			9780	1	00		
		TOTAL, C6-C35		1	8660	1	00		
	Method <u>Blank</u> 0003200-02	Date <u>Prepared</u>	8021 B Date <u>Analyzed</u> 9/24/02 15:33	8/5030 BT Sample <u>Amount</u> 1	' EX Dilu <u>Fac</u> 20	tion <u>tor</u> 0	<u>Analyst</u> CK	<u>Method</u> 8021B	
	i	Parameter	 ,	R	esult ng/kg	R	L		
		Benzene			36.1	0.2	200		
		Ethylbenzene			107	0.2	200		
		Toluene			161	0.2	200		
		p/m-Xylene			178	0.2	200		
		o-Xylene			83.0	0.2	200		

Surrogates	% Recovered	QC Limits (%	
aaa-Toluene	1220%	80	120
Bromofluorobenzene	159%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

ENRON TRANSI 5805 E. HWY. 80 MIDLAND, TX	PORTATION SYSTE	EMS		Order#: Project: Project Name: Location:	G020 2002 : Lint None	04548 3-10 235 man 6" Line е Given	
Lab ID: Sample ID:	0204548-09 SEL691702BII16	-25'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/20/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 10	i <u>Analyst</u> CK	Method 8015M
		Parameter	····· · · ·	Result mg/kg		RL	
		GRO, C6-C12		7520		100	
		DRO, >C12-C35	; 	8950		100	
		TOTAL, C6-C35	5	16470		100	
	Method	Date	8021B	Sample	Dilution		
	Method <u>Blank</u> 0003200-02	Date <u>Preparcd</u>	8021B Date <u>Analyzed</u> 9/24/02 1:14	Sample <u>Amount</u> I	Dilution <u>Factor</u> 200	<u>Analyst</u> CK	<u>Method</u> 8021B
	Method <u>Blauk</u> 0003200-02	Date <u>Preparcd</u> Parameter	8021B Date <u>Analyzed</u> 9/24/02 1:14	Sample <u>Amount</u> I Result	Dilution <u>Factor</u> 200	Analyst CK RL	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date <u>Preparcd</u> Parameter Benzenc	8021B Date <u>Analyzed</u> 9/24/02 1:14	Sample <u>Amount</u> I Result mg/kg <0.200	Dilution <u>Factor</u> 200	Analyst CK RL 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date <u>Preparcd</u> Parameter Benzene Ethylbenzene	8021B Date <u>Analyzed</u> 9/24/02 1:14	Sample Amount I Result mg/kg <0.200 5.37	Dilution <u>Factor</u> 200	Analyst CK RL 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene	8021B Date <u>Analyzed</u> 9/24/02 1:14	/ 3030 BTEA Sample <u>Amount</u> I Result mg/kg <0.200 5.37 2.72	Dilution <u>Factor</u> 200	Analyst CK RL 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene	8021B Date <u>Analyzed</u> 9/24/02 1:14	X 3030 B1EA Sample <u>Amount</u> i Result mg/kg <0.200 5.37 2.72 7.71	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blauk</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/24/02 1:14	X 3030 B1EA Sample <u>Amount</u> 1 Result mg/kg <0.200 5.37 2.72 7.71 3.31	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene	8021B Date <u>Analyzed</u> 9/24/02 1:14	X 3030 B1EA Sample <u>Amount</u> 1 Result mg/kg <0.200 5.37 2.72 7.71 3.31 % Recovered	Dilution Factor 200	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B
	Method <u>Blank</u> 0003200-02	Date Prepared Parameter Benzene Ethylbenzene Toluene p/m-Xylene o-Xylene Surrog aaa-Toluen	8021B Date <u>Analyzed</u> 9/24/02 1:14 1:14	X 3030 B1EA Sample <u>Amount</u> I Result mg/kg <0.200 5.37 2.72 7.71 3.31 % Recovered 102%	Dilution Factor 200 QC Lin 80	Analyst CK RL 0.200 0.200 0.200 0.200 0.200 0.200 0.200	<u>Method</u> 8021B

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West 1-20 East, Odessa, TX 79765 Ph; 915-563-1800

ANALYTICAL REPORT

FRANK HERNANDE ENRON TRANSPORT 5805 E. HWY. 80 MIDLAND, TX 7970	Z FATION SYSTE 6	MS		Order#: Project: Project Name: Location:	G0204 2002-1 Linma None (548 0235 an 6" Line Siven	
Lab ID: 02 Sample ID: Si	204548-10 EL691702BH16-	30'					
				8015M			
	Method <u>Blank</u>	Date <u>Prepared</u>	Datc <u>Analyzed</u> 9/20/02	Sample <u>Amount</u> 1	Dilution <u>Factor</u> 1	<u>Analyst</u> CK	Method 8015M
		Parameter		Result mg/kg		RL	
		GRO, C6-C12		<10.0		10.0	
		DRO, >C12-C35		<10.0		10,0	
	ļ	TOTAL, C6-C35		<10.0		10.0	
			8021B	8/5030 BTEX			
	Method	Date Prepared	Date Analyzed	Sample A mount	Dilution Factor	Anglyst	Method
	0003200_02	4 / Cpartu	9/23/02	1	25	CK	8021B

14:50

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	0.090	0.025
Toluene	0.063	0.025
p/m-Xylene	0.216	0.025
o-Xylene	0.044	0.025

Surrogates	% Recovered	QC Li	mits (%)
aaa-Toluene	95%	80	120
Bromofluorobenzene	105%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD.

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Sep. 25 02 05:33p

ENVIRONMENTAL LAB OF TEXAS ANALYTICAL REPORT

FRANK HERNA	ANDEZ	Order#:	G0204548	
ENRON TRANSPORTATION SYSTEMS		Project:	2002-10235	
5805 E. HWY. 8	0	Project Name:	Linman 6" Line	
MIDLAND, TX	79706	Location:	None Given	
Tab ID.	0201810 11	······		
LaD 1D:	0204548-11			
Sample ID:	SEL691702BH16-35'			

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	<u>Analyst</u>	Method
		9/20/02	1	t	СК	8015M
	Parameter		Result mg/kg	:	RL	
	GRO, C6-C12		<10.0		10.0	
	DRO, >C12-C35		<10.0		10.0	
	TOTAL, C6-C35		<10.0		10.0	

8015M

8021B/5030 BTEX

Method <u>Blank</u> 0003200-02	Date <u>Prepared</u>	Date <u>Analyzed</u> 9/23/02 15:12	Sample <u>Amount</u> I	Dilution <u>Factor</u> 25	<u>Analyst</u> CK	<u>Method</u> 8021B
	Parameter		Resul mg/kg	lt g	RL	
	Benzene		<0.02	5	0.025	
	Ethylbenzene		0.100)	0.025	
	Toluene		0.100)	0.025	
	p/m-Xylene		0.288	3	0.025	
	o-Xylene		0.064	4	0.025	

Surrogates	% Recovered	QC Limits (%)		
aaa-Toluene	97%	80	120	
Bromofluorobenzene	106%	80	120	

9/25/02 Lun Approval:

Raland K. Tuttle, Lab Director, QA Officer Celey D. Keene, Org. Tedh. Director Jeanne McMurrey, Inorg. Tech. Director Sandra Biczugbe, Lab Tech. Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS I, LTD. 1260

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

QUALITY CONTROL REPORT

8015M

Order#: G0204548

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	<u> </u>	0003201-02	· · · · · · · · · · · · · · · · · · ·		<10.0		
TOTAL, C6-C35-mg/kg		0003202-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0204546-02	0	952	1180	123.9%	
TOTAL, C6-C35-mg/kg		0204548-11	0	952	1210	127.1%	
MSD	SOIL	LAB-1D#	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0204546-02	0	952	1190	125.%	0.8%
TOTAL, C6-C35-mg/kg		0204548-11	0	952	1230	129.2%	1.6%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003201-05		1000	1220	122.%	
TOTAL, C6-C35-mg/kg		0003202-05		1000	1190	119.%	

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QUALITY CONTROL REPORT 8021B/5030 BTEX

Order#: G0204548

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzenc-mg/kg	· · · · · · · · · · · · · · · · · · ·	0003199-02			<0.025		
Benzene-mg/kg		0003200-02			<0.025		
Ethylbenzene-mg/kg		0003199-02			<0.025		
Ethylbenzenc-mg/kg		0003200-02			<0.025		
Tolucnc-mg/kg		0003199-02			<0.025		
Toluene-mg/kg		0003200-02			<0.025		
p/m-Xylene-mg/kg		0003199-02			<0.025		
p/m-Xylene-mg/kg		0003200-02	·····		<0.025		
o-Xylene-mg/kg		0003199-02			<0.025		
o-Xylene-mg/kg		0003200-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzenc-mg/kg		0204546-13	0	0.1	0.110	110.%	
Benzene-mg/kg		0204556-09	0	0.1	0.099	99.%	
Ethylbenzene-mg/kg		0204546-13	0	0.1	0.115	115.%	
Ethylbenzene-mg/kg		0204556-09	0	0.1	0.104	104.%	
Toluene-mg/kg		0204546-13	0	0.1	0.114	114.%	
Toluene-mg/kg		0204556-09	0	0.1	0.103	103.%	
p/m-Xylene-mg/kg		0204546-13	0	0.2	0.230	115.%	·
p/m-Xylene-mg/kg		0204556-09	0	0.2	0.220	110.%	
o-Xylene-mg/kg		0204546-13	0	0.1	0.113	113.%	
o-Xylene-mg/kg		0204556-09	0	0.1	0.102	102.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204546-13	0	0.1	0.108	108.%	1.8%
Benzene-mg/kg		0204556-09	0	0.1	0.101	101.%	2.%
Ethylbenzene-mg/kg		0204546-13	0	0.1	0.113	113.%	1.8%
Ethylbenzene-mg/kg		0204556-09	0	0.1	0.105	105.%	1.%
Toluene-mg/kg		0204546-13	0	0.1	0.112	112.%	1.8%
Toluene-mg/kg	····	0204556-09	0	0.1	0.104	104.%	1.%
p/m-Xylene-mg/kg		0204546-13	0	0.2	0.228	114.%	0.9%
p/m-Xylene-mg/kg		0204556-09	0	0.2	0.221	110.5%	0.5%
o-Xylene-mg/kg	·	0204546-13	0	0.1	0.111	111.%	1.8%
o-Xylene-mg/kg		0204556-09	0	0.1	0.104	104.%	1.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003199-05		0.1	0.104	104.%	
Benzene-mg/kg		0003200-05		0.1	0.111	111.%	
Ethylbenzene-mg/kg		0003199-05		0.1	0.109	109.%	
Ethylbenzene-mg/kg		0003200-05		0.1	0.115	115.%	
Tolueno-mg/kg		0003199-05		0.1	0.108	108.%	

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ENVIRONMENTAL LAB OF TEXAS QUALITY CONTROL REPORT

SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Toluene-mg/kg		0003200-05		0.1	0.114	114.%	
p/m-Xylene-mg/kg		0003199-05	****	0.2	0.230	115.%	
p/m-Xylene-mg/kg		0003200-05		0.2	0.229	114.5%	
o-Xylenc-mg/kg		0003199-05		0.1	0.108	108.%	
o-Xylene-mg/kg		0003200-05		0.1	0.114	114.%	

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CASE NARRATIVE ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Order#: G0204548

ENRON TRANSPORTATION SYSTEMS 5805 E. HWY. 80 MIDLAND, TX 79706

Project: Linman 6" Line

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SEL691702BH15-5'	0204548-01	SOIL	09/17/2002	09/18/2002
SEL691702BH15-10'	0204548-02	SOIL	09/17/2002	09/18/2002
SEL691702BH15-15'	0204548-03	SOIL	09/17/2002	09/18/2002
SEL691702BH15-20'	0204548-04	SOIL	09/17/2002	09/18/2002
SEL691702BH16-5'	0204548-05	SOIL	09/17/2002	09/18/2002
SEL691702BH16-10'	0204548-06	SOIL	09/17/2002	09/18/2002
SEL691702BH16-15'	0204548-07	SOIL	09/17/2002	09/18/2002
SEL691702BH16-20'	0204548-08	SOIL	09/17/2002	09/18/2002
SEL691702BH16-25'	0204548-09	SOIL	09/17/2002	09/18/2002
SEL691702BH16-30'	0204548-10	SOIL	09/17/2002	09/18/2002
SEL691702BH16-35'	0204548-11	SOIL	09/17/2002	09/18/2002

Surrogate recoveries are outside control limits due to interference from coeluting compounds

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete

Approved By:

Environmental/Lap of Texas I, Ltd.

Date:

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and Metrics 9-4-02 @ 1:20 PM 9-4-02 @ 3:30 PM SITE: Hugh Gathering 090402 Assigned Site Reference #: 2002-10235 Company: Plains Pipeline, L.P. NATIONAL RESPONSE CENTER - 800.424.8802 Street Address: PO Box 1660 Notified Date/Time: Mailing Address: 5805 East Highway 80 Notified Date/Time: Mailing Address: 5805 East Highway 80 Notified Date/Time: Mailing Address: 5805 East Highway 80 Notified Date/Time: Representative: Camille Reynolds NRC Report# : Representative: 505.393.5611 Telephone: Fluid volume released (bbls): 50 bbls Recovered (bbls): 0 bbls >25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas) Leak, Spill, or Pit (LSP) Name: Hugh Gathering 090402 Source of contamination: 6" Steel Pipeline Land Owner, i.e., BLM, ST, Fee, Other: Bryant East side – 10' x 10' LSP Dimensions 10' X 10' East side – 10' x 10' LSP Dimensions 10' X 10' East side – 10' x 10' Location of Reference Point (RP) Ja2'29'11.080''N Location distance and direction from RP 32'29'11.080''N Latitude: 32'29'11.007''N 32'29'11.080''N </th							
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Feet from West Section Line							
I BEELITAM WEELNECHAN LINE							
Location- Unit of 7474: SE74 of the SE74 UL-P East side - Sw74 of the SW74 UL-M							
Location Townshin: T21S							
Location-Township: T21S							
Location- Range: R3/E							
Surface water body within 1000 (radius of sites none							
Surface water body within 1000 radius of site: none							
Surface water body within 1000 radius of site:							
Domestic water wells within 1000' radius of site:							
A priori purchar walls within 1000 radius of site.							
Agricultural water wells within 1000' radius of site: none							
Public water supply wells within 1000 radius of site.							
Public water supply wells within 1000 radius of site:							
Depth from land surface to groundwater (DC) 60'bgs							
Depth from faile sufface to globilitie (DG) of bgs							
Depth of contamination $(DC) = -bUbgs$							
1 Groundwater 2 Wellhead Protection Area 3 Distance to Surface Water Body							
If Depth to $GW \leq 50$ feet: 20 points If $\leq 1000^{\circ}$ from water source or $\leq 200^{\circ}$ from ≤ 200 horizontal feet: 20 points							
If Depth to GW 50 teet. 20 plans II 1000 from water source: 20 points 200 from 200 for 200 horizontal feet. 20 plans							
If >1000' from water source. or >200' from							
If Depth to GW >100 feet: 0 points If >1000 finite domestic water source; 0 points >1000 horizontal feet: 0 points							
Crowndwater Scare = 10 $Wellhead Protection Area Scare = 0$ $Swrface Water Scare = 0$							
$\frac{1}{1} \frac{1}{1} \frac{1}$							
Total Site Danking Score and Accortable Concentrations							
Parameter >10 10 10 0.0							
Benzenel 10 nnm 10 nnm 10 nnm							
BTEX1 50 ppm 50 ppm 50 ppm							
TPH 100 ppm 500 ppm 5000 ppm							
¹ 100 ppm field VOC headspace measurement may be substituted for lab analysis							

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District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003 mit 2 Copies to appropriate

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action - Informational

OPERATOR	Initial Report Final Report
Name of Company: Plains Pipeline, L.P.	Contact: Camille Reynolds
Address	Telephone No.
PO Box 1660 5805 East Highway 80 Midland, Texas 79702	505.393.5611
Facility Name	Facility Type
Hugh Gathering 090402 #2002-10235	6" Steel Pipeline
Surface Owner: Bryant	Mineral Owner Lease No.

LOCATION OF RELEASE										
Unit Letter P ·	Section 11	Township T21S	Range R37E	Feet from the	North/Sout	h Line	Feet from th	e East/We	est Line	County: Lea
Latitude: 32°29'11.007''N Longitude: 103°07'33.864''W										
	NATURE OF RELEASE									
Type of Rele	ase				Vo	lume of	Release		Volume Rec	overed
Crude Oil 50 bbls barrels 0 bbls barrels							rels			
Source of Release Date and Hour of Occurrence Date and Hour of Discovery							our of Discovery			
Was Immedi	o" Steel Pipeline 9-4-02 (a) 1:20 PM 9-4-02 (a) 1:30 PM Was Immediate Notice Civen? If VES. To Whom?									
was minicul			Yes 🔲 No) 🔲 Not Requ	ired La	rry John	son			
By Whom? Camille Rev	nolds				Da 9-4	te and H -02 @ 3	lour :30 PM			
Was a Water	course Reach	ed? 🗌 Yes	🗌 No		If NA	YES, Vo A	lume Impact	ing the Waterco	ourse.	
If a Watercou	If a Watercourse was Impacted, Describe Fully.*									
6" Steel Pip landfarm. Describe Are 100 sqft 10 Benzene, E	eline The le a Affected at Y X 10': Site thyl Benzen	eak was due to nd Cleanup Act e delineated. R e, Toluene, an	internal/ex ion Taken.* emedial Gos d Xylenes =	ternal corrosion als: TPH 8015n 50 mg/Kg.	n. Near surf m = 1000 & 1	face im _] 	pacted soil v	vas disposed o e = 10 mg/Kg	of in an NMO	CD approved
I hereby certi regulations al health or the their operatio environment state, or local	fy that the in l operators a environment ons have faile In addition laws and/or	formation given re required to re t. The acceptan ed to adequately , NMOCD acce r regulations.	n above is tru port and/or ce of a C-141 investigate as ptance of a C	e and complete file certain relea report by the N nd remediate co C-141 report doo	to the best of se notificatio NMOCD man ntamination t es not relieve	f my kno ons and p tked as " that pose the open	owledge and to perform corre Final Report e a threat to g rator of respo	understand that ective actions fo " does not reliev groundwater, su onsibility for con	pursuant to N r releases whic ve the operator rface water, hu mpliance with	MOCD rules and h may endanger public of liability should man health or the any other federal,
Signature:						0	DIL CO	NSERVA	TION I	DIVISION
Printed Nam	e: Camille R	eynolds				Appro	oved by Distr	ict Supervisor:		
E-mail Addre	ess: CJReyr	olds@PAAI	.P.com			Appro	oval Date:		Expirat	ion Date:
Title: Distric	t Environme	ental Supervisor				Condi	tions of App	roval:	Attache	ed 🔲
Date: 9/6,	/2002	Phor	ne: 505.393.5	611						

Attach Additional Sheets If Necessary