



January 20, 2022

RECEIVED

By pstb.inbox at 8:48 am, Jan 21, 2022

Mr. Tim Noger
New Mexico Environment Department
Petroleum Storage Tank Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Re: Relocation of SVE Remediation Equipment
Lovington 66 State Lead Site, Lovington, New Mexico
Facility #1489, Release ID #1182, WPID #4223

Dear Mr. Noger:

Daniel B. Stephens & Associates, Inc. (DBS&A) is pleased to submit this letter report in fulfillment of Deliverable ID #4223-1, providing documentation of the relocation of major remediation equipment to a temporary storage yard near the subject site from a Petroleum Storage Tank Bureau (PSTB) site in Tatum, New Mexico.

A natural gas-fired thermal oxidizer, soil vapor extraction (SVE) blower skid (including a moisture-vapor separator) and hot air injection blower skid were installed at the Lil's Food and Fuel site (the Lil's site) in Tatum, New Mexico (Facility ID #6775 and Release ID #4092) in 2015. The equipment was originally manufactured in 2010 for the Santa Fe County Judicial Complex site (Facility ID #53763 and Release ID #4597), and was subsequently relocated to the Lil's site. The remediation equipment has not been operated since April 2017. The property owner at the Lil's site requested that the equipment be removed so that he can put the property up for sale.

A work plan for removal and relocation of the equipment from the Lil's site was submitted by DBS&A on February 10, 2020 and accepted with revision on October 26, 2021 under WPID #4223. Due to administrative delays associated with proposed disposal of the blower skids, DBS&A recommended that those components be moved to the new location and disposed of at a later date. A change order was issued on November 23, 2021 to account for increased subcontractor costs during the interim between submittal of the original work plan and final approval. The scope of work was prepared with direction from the New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB) project manager.

DBS&A subcontracted with EnviroWorks, LLC of Edgewood, New Mexico to complete the relocation of major remediation equipment and disposal of non-salvageable appurtenances. Prior to these activities, Lea County Electric Co-op (LCEC) and New Mexico Gas Company removed their respective meters for the natural gas and electric services associated with the remediation equipment. LCEC also disconnected the overhead wire from the service pole so that the pole could be removed.

Daniel B. Stephens & Associates, Inc.

6020 Academy NE, Suite 100

Albuquerque, NM 87109

505-822-9400

FAX 505-822-8877

Removal, relocation, and site restoration activities were conducted during the week of December 13, 2021. Completed activities include (1) disconnection of the associated utility services (electric and natural gas), (2) removal and transportation of the major remediation equipment from the Lil's site to a temporary storage yard on property owned by Pearson Oil Company at 501 Main Street (southwest corner of Main Street and Avenue D) in Lovington (Figure 1), (3) removal, transportation, and disposal of the system manifolds and other above ground conveyance piping, (4) restoration of the Lil's site to pre-entry conditions, and (5) construction of a temporary equipment compound around the major remediation equipment. All activities were conducted under the oversight of a DBS&A field engineer. Field notes and photographs documenting field activities are provided in Attachments 1 and 2, respectively.

The major remediation equipment, electric service pole, plastic condensate tank and salvageable fencing panels were loaded onto a flatbed trailer and hauled to the storage yard in Lovington. SVE conveyance piping and other miscellaneous debris were disposed of at the Roswell Municipal Landfill. SVE conveyance piping consisted of HDPE pipe that was placed at grade with minimal soil cover, and above-grade PVC manifold plumbing. SVE piping was removed, and the ground surface was restored to pre-entry conditions. A receipt documenting disposal of 2,720 pounds of debris at the Roswell Municipal Landfill is provided in Attachment 3. Photographs of site waste were inadvertently not obtained at the time of load-up.

Hot air injection piping consisted of buried steel pipe, which was cut just below grade and capped at the manifold. Metal manifolds, piping, and associated appurtenances were hauled to Albuquerque Metal Recycling in Albuquerque, New Mexico. In accordance with the approved work plan, monies received from the metal recycler are refunded directly to the NMED. A check in the amount of \$190.10 is provided with the hard copy submittal of this report. Documentation of metal recycling provided by EnviroWorks is included in Attachment 3.

Fence panels removed from Lil's site were used to create a temporary security fence around the stored items at the Lovington location. The Equipment Disposition Form, provided as Attachment 4, provides documentation of the ultimate disposition of all equipment removed from the Lil's site.

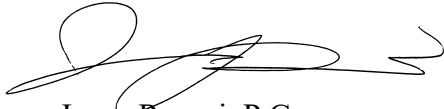
The thermal oxidizer is slated to be repurposed as part of the corrective action for the Lovington 66 State Lead site under the approved final remediation plan (FRP) for that site, and will be deployed, installed, and fully refurbished at the time of FRP implementation. Due to the lengthy period of inactivity, the age of the equipment, and observed condition, DBS&A does not believe that the two blower skids can be successfully refurbished and returned to use. The blower skids will be held at the temporary storage yard until such time that PSTB approves disposal or recycling.

Mr. Tim Noger
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This letter is provided in fulfillment of Deliverable ID # 4223-1. DBS&A plans to invoice the full amount of \$53,962.75 (inclusive of NMGR of 7.875%), including the approved change order. Please do not hesitate to call (505) 822-9400 if you have any questions or concerns.

Sincerely,

DANIEL B. STEPHENS & ASSOCIATES, INC.



Jason Raucchi, P.G.
Project Geologist



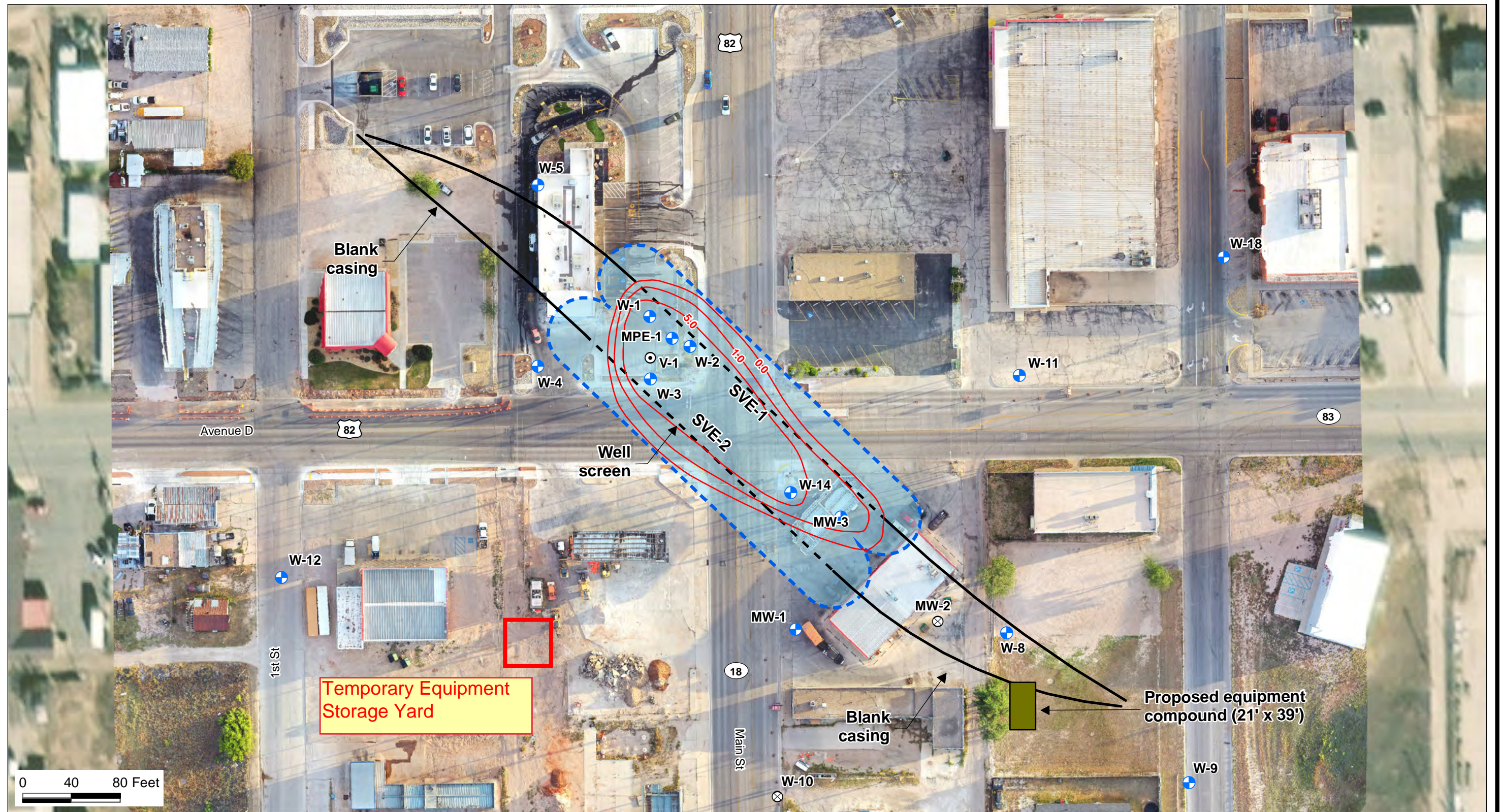
Thomas Golden, P.E.
Senior Engineer

TG/JJR/rpf
Attachments

cc: Susan von Gonten, NMED PSTB
Katherine MacNeil, NMED PSTB
Renee Romero, NMED PSTB

Figure

S:\PROJECTS\B19.1395_LOVINGTON_66\GIS\MXDS\ENGINEERING\TECHNICAL_APPROACH2.MXD



Source: AEA: 5/12/2020
Google Earth Pro: 11/2/2020



Explanation

- Monitor well
- Monitor well - destroyed or inaccessible
- Monitor well - plugged and abandoned
- 30-foot SVE radius of influence
- Proposed horizontal well (dashes indicate screen section)
- Approximate LNAPL thickness (feet)



Daniel B. Stephens & Associates, Inc.
8/21/2020 JN DB19.1395

LOVINGTON 66
424 SOUTH MAIN STREET
LOVINGTON, NEW MEXICO

Site Map and Remediation Technical Approach

Figure 1

Attachment 1

Field Notes

Projects (continued).

35

12/14

0730	DBSA on site to observe the dismantling and transportation of SVE equipment from the L-1's site in Tatum to Livingston, NM. Environmental crew (Jesse + Peggy) here upon arrival.
	Weather - calm, cool, partial clouds ~ 50°F.
	Beginning by taking site photos and speaking w/ EW.
0740	Billy on site.
0755	Spoke w/ Billy to discuss the plan. We're going to be moving the oxidizer along w/ SVE and hot air injection components. The original scope only called for the oxidizer to move. I called Jason to discuss removal of the power pole. The service was disconnected, but the pole remains connected w/ a tension wire.
0835	I called Lea County Elec. Corp and am awaiting a response. EW crew is removing the fence and beginning to disconnect the components. They're trying to save as many parts as possible for reuse.
0950	The chain link fence has been removed, leaving only the poles to deal w/. Billy is in the process of disconnecting

12/14/21

JS

- the wires in the main electrical box
- 1110 One of the property owners came by (Steve - lives in house behind red trailer). Asked if we needed anything from the facilities. I informed him of the plan and provided an overview of the project. Bully left offsite ~10:20
- 1220 Jesse and Reyes left to take a lunch break. I'm going to head off site to use a restroom.
- 1235 Back on site. Eul crew eating lunch
- 1430 They've disconnected all of the electrical conduit and conduit, along w/ the manifold piping. They've scrapped the PVC + HDPE sections.
- 1510 They just loaded up the air sparge blower on the flat bed trailer.
- 1600 The SVE blower skid is now loaded on the trailer. I spoke w/ Mike and he said it was okay to place these on his property, even though we never met on site.
- 1635 Located the site in Lexington. I called and spoke with Mike and confirmed it is okay to place the equipment on the lot next to Pizza Hut. He said that

JS

12/14/21

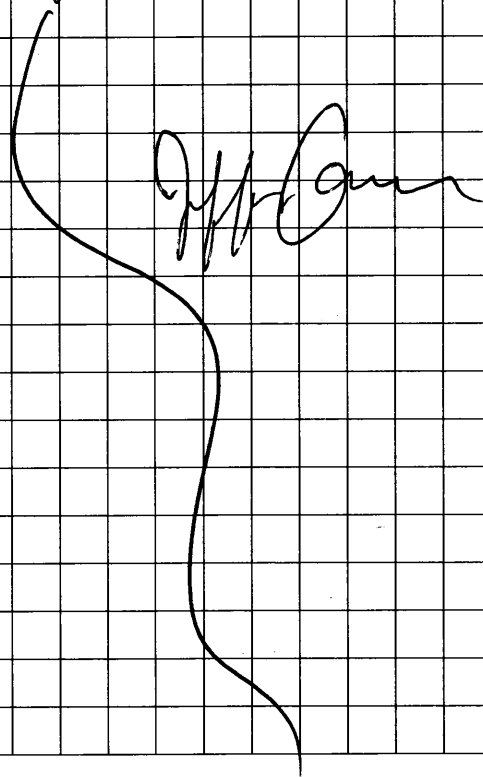
1715

(10)

would work.

Environworks unloaded the skids using a Kubota SVL 95, w/ Jesse as the operator, and Fernando - Reyes as the spotter. I'm planning to meet w/ the Pearsons in the morning to determine the location of the temporary equipment compound.

off site



12/15/21

JS

0715

DBSA on site to complete the transfer of remediation equipment from L-1's in Tatum to Lovington 66.

Weather - cool, calm, partly cloudy. ~50°F
Enviroworks not yet on site.

0755

EW on site. (Dessa, Reyes, Billy). The Komatsu mini-excavator and Bobcat skid-steer were parked under the gas station canopy.

0825

I'm working on opening a site plan to locate the buried lines. The crew is cutting and removing the insulation on the air injection lines.

0910

They're removed and disposed of the insulation. Billy left site to get his crew new batteries for their impact wrenches.

1030

The crew is continuing site demolition. I'm going to head off-site to use the bathroom.

1045

Billy P Received a call from Keith Pearsons and I'm going to head to Lovington to meet him. Billy is back.

1245

I met w/ Keith and determined the location for the temporary storage compound. We'll have to move the skids from where we placed them yesterday.

12/15/21

Back at the site and the crew has made progress. The air injection manifold has been removed. Billy is currently operating the mini-excavator and w/ Reyes' help they're removing the fence posts.

1300

575-396-3631 - phone number for LCEC to put in a work order.

1330

I put in a work order to have the service line disconnected from the pole. They said it could take 24-48 hours, but no promises.

1530

All piping has been disconnected from the oxidizer. Billy is deciding how he wants to go about dismantling the oxidizer.

1610

Billy has a plan. He removed the bucket from the excavator, and is going to chop the base of the oxidizer attached to the arm. Due to the equipment present and the desire to not send his crew up too high without full protection, he's going to remove the top 3 sections at once and then disassemble them on the ground.

1300

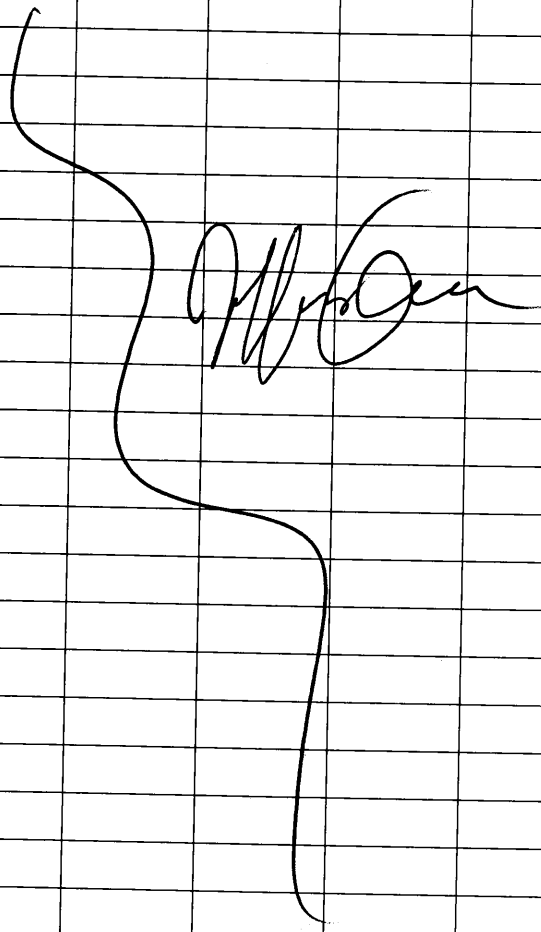
Billy successfully removed the stack and

12/15/21

55

placed it on the ground next to the base.
Made plans to meet tomorrow morning
at 7.

off site



12/16/21

0715

DBSA on site to observe the dismantling
and transportation of the remediation system
at L's site in Tatum.

Weather - cold, calm, and clear ~40°F

0730

I spoke w/ the EW crew who was
present upon my arrival. Billy is
planning to haul a load to the dump
in Roswell. In the meantime, Jesse
and Ray are going to dismantle the
piping and oxidizer.

0900

Just called Lea County Electric to
get an idea of when their crew would
arrive.

0915

As I was speaking w/ Jason to provide
him an update, the LCEC lineman
showed up. He is in the process of
disconnecting the service line (Murray).

1030

The crew has organized all remaining
materials. Waiting for Billy to return.
Billy is back on site. They're preparing to
load the oxidizer.

1045

1140

They successfully loaded the oxidizer and
transported it to the site in Livingston.
The crew is working on offloading now.
Spoke w/ Jason and provided him an update.

12/16/21

SS

1310

They successfully unloaded the oxidizer on the lot adjacent to the car wash off main St. in Lovington. I arrived back at Lil's site in Tatum. EW is getting lunch.

1325

Crew is back. Now eating lunch.

1410

They're working on disassembling the remaining sections of the oxidizer.

1430

The remaining oxidizer components have been loaded onto their trailer. The crew is currently digging around the power pole in order to see where the ^{copper} grounding line goes.

1500

The power pole has been removed. They loaded up their trailer w/ everything that needs to go to Lovington. I picked up garbage around the site. We're going to unload tomorrow morning, then finish picking up/cleaning the site.

Off site.

12/17/21

0710

DBSA on site in Lovington to set up the temporary storage compound.

Weather - cold, cloudy, slight northerly breeze
~35°F

EW already on site. The SANYU SV 95C excavator is running and the crew is unfastening the materials in the trailer.

0730

After thinking about the value of steel, I called Tom and we decided to place the stack on the oxidizer.

0805

They have everything unloaded and placed close together for storage. A thick fog has come in, significantly decreasing visibility.

0845

The fog has lifted. The equipment is inside the fenced enclosure. Billy needs to run and get plastic to seal the oxidizer from rain/snow.

0915

All holes have been sealed w/ either a tarp or plastic. The fence posts were placed over t-posts, and is secured w/ wire.

Heading to Tatum to clean up the site.

1015

The crew is loading their trailer.

1050

All remaining materials have been loaded up. Billy is looking into whether or not they

12/17/21

OS.

need a manifest for the drum of product
On Monday, a crew is going to come to
pick up the equipment, and load up the
steel plates and traffic safety materials
they left here.

1120

The drum is going to be left behind so
the manifest can be figured out. Site
is clean and leveled w/ the Bobcat
heading to Abq.

Off Site

Jeffrey

Attachment 2

Photographs



1. Equipment installation at Lil's site, Tatum, New Mexico



2. Oxidizer prior to disassembly

LOVINGTON 66 STATE LEAD SITE
LOVINGTON, NEW MEXICO
Photographs



3. Oxidizer stack being removed at Lil's site



4. SVE blower skid during disassembly

LOVINGTON 66 STATE LEAD SITE
LOVINGTON, NEW MEXICO
Photographs



5. SVE blower skid being loaded onto truck at Lil's site



6. Oxidizer placed on trailer at Lil's site

LOVINGTON 66 STATE LEAD SITE
LOVINGTON, NEW MEXICO
Photographs



7. Blowers arrive on flatbed in Lovington



8. Equipment being removed from trailer in Lovington

LOVINGTON 66 STATE LEAD SITE
LOVINGTON, NEW MEXICO
Photographs



9. Oxidizer and SVE blower skid at Lovington yard after transfer



10. Sparge skid in Lovington after transfer

LOVINGTON 66 STATE LEAD SITE
LOVINGTON, NEW MEXICO
Photographs



11. Equipment secured with temporary chain link fence in Lovington



12. Lil's site after cleanup and restoration

LOVINGTON 66 STATE LEAD SITE
LOVINGTON, NEW MEXICO
Photographs

Attachment 3

Disposal and Recycling
Documentation

Jason Raucci
Daniel B. Stephens & Associates, Inc.
6020 Academy Road NE, Suite 100
Albuquerque, New Mexico 87109



January 17, 2022

This letter is to confirm disposal of Metal from the work site at Lil'l in Tatum. The receipt for this transaction was misplaced.

The material was disposed of 12/16/2021 at Albuquerque Metal Recycling. We received \$190.10 for this disposal.

Please contact us at 5085-286-4891 will any questions.

Sincerely,

A handwritten signature in black ink, which appears to read "Melissa Grossetete". The signature is fluid and cursive.

Melissa Grossetete, SHRM-SCP

Vice President

Enviroworks, LLC

PO Box 340

Edgewood, NM 87015

505-241-9994

EnviroWorks, LLC

PO Box 340 5 Cinnamon Dr, Edgewood, NM 87015 Phone (505)286-4891 Fax (505)286-4965

EIN 85-0460740 CRS 02-397513-00-0 License 81818

e-mail: melissa@enviroworksforyou.com

CITY OF ROSWELL, SOLID WASTE
CITY OF ROSWELL SOLID WASTE
3006 W. Brasher RD
Roswell, NM 88203

Weighed: tomas urias
Deposit: tomas urias
BILL TO: 0
Cash Customer
Cash Customer

Vehicle ID:
Reference: 017WAL
Grid: B1 L2

Origin: CITY OF ROSWELL
DATE IN: 12/16/2021 TIME IN: 08:51:38
DATE OUT: 12/16/2021 TIME OUT: 09:12:38

INBOUND TICKET Number: 02-00801663

MANUAL GROSS WT.	17780 LB
MANUAL TARE WT.	15060 LB
NET WEIGHT	2720 LB

Qty	Description	Amount
1.36	SW Mixed Loads/Comme	57.46

State Tax	2.87
TICKET AMOUNT:	60.33
AMT. TENDERED:	60.33
CHANGE AMOUNT:	0.00
CARD/AUTH VISA	60.33

X _____ ~~2101~~ 5714
21-72
7526

Attachment 4

Equipment
Disposition Form

EQUIPMENT DISPOSITION FORM
FOR EQUIPMENT DECOMMISSIONING OR TRANSFER

Site Name: Lil's Food and Fuel

Release ID: 4092

City: Tatum, NM

Prepared by: T. Golden

Date: 1/11/2022

CAPITAL ASSETS:

ASSET NUMBER	ITEM	DESCRIPTION	ACTION	NEW LOCATION/ADDRESS	CITY
16180	SVE blower/ knockout skid	With sound enclosure and control panel, including telemetry hardware and LEL sensors for ambient air quality	Transfer	Lovington 66 State Lead Site, temporary storage yard at 501 Main Street	Lovington, NM
16186	Air injection blower skid	With sound enclosure and control panel	Transfer	Lovington 66 State Lead Site, temporary storage yard at 501 Main Street	Lovington, NM
16187	Thermal oxidizer	Oxidizer, heat exchanger, and catalyst module	Transfer	Lovington 66 State Lead Site, temporary storage yard at 501 Main Street	Lovington, NM

MINOR EQUIPMENT:

QTY	ITEM	DESCRIPTION	ACTION	LOCATION	CITY
2,720 lbs	Plastic piping and misc. materials	PVC plumbing, manifolds, associated appurtenances, other debris	Disposal	Municipal Landfill	Roswell
<1 ton	Metal piping and manifolds	Metal piping, quantity not provided by contractor	Recycle	Albuquerque metal Recyclers	ABQ, NM
<1 ton	fencing	Reusable fencing panels	Transfer	Lovington 66 State Lead Site, temporary storage yard at 501 Main Street	Lovington, NM
1	Condensate storage tank	Plastic, 200-gallon	Transfer	Lovington 66 State Lead Site, temporary storage yard at 501 Main Street	Lovington, NM

ACTIONS: **Recycle** (at a metal recycler or scrap yard)

Transfer (to another release site, to a NMDOT Patrol Yard, or to PSTB's Storage Unit)

VOLUMES AND WEIGHTS:

METAL RECYCLER: **Number of loads:** **1** **Estimated Weight (tons):** **<1**

LANDFILL: **Number of Loads:** **1** **Estimated Weight (tons):** **1.4**

- Take photographs of each loaded truck/trailer before they leave the site & when they arrive at the new location

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