

APPENDIX N

Liquid Loading Shed Office Demolition Letter



Richard E. Dunn, Director

Land Protection Branch
2 Martin Luther King, Jr. Drive
Suite 1054, East Tower
Atlanta, Georgia 30334
404-657-8600

May 24, 2021

Sent via email and USPS

Mr. Tim Hassett
Project Manager
Hercules, LLC
500 Hercules Road
Wilmington, DE 19808-1599

Ms. Molly Matthews
Director of Operations
DRT America, Inc.
2801 Cook Street
Brunswick, Georgia 31520

RE: Completion Letter – Liquid Loading
Shed Office Demolition
Hercules/Pinova - Brunswick Facility
Hazardous Waste Facility Permit
No. HW-52(D&S)
EPA ID# GAD004065520

Dear Mr. Hassett and Ms. Matthews:

The Georgia Environmental Protection Division (EPD) has reviewed the Completion Letter for the Liquid Loading Shed Office Demolition, dated May 2021. The letter adequately documents the demolition of the Liquid Loading Shed Office. This location is no longer a potential concern under the vapor intrusion pathway.

Should you have any questions or concerns please contact Penny Gaynor at 404-657-8600.

Sincerely,

James Sliwinski

James Sliwinski
Unit Coordinator
Remedial Sites Unit

May 12, 2021

Penny Gaynor
Hazardous Waste Corrective Action Program
Land Protection Branch
Georgia Environmental Protection Division
2 Martin Luther King, Jr. Dr. SE
Suite 1054, East Tower
Atlanta, GA 30334

**Subject: Completion Letter
Liquid Loading Shed Office Demolition
Hercules/Pinova Brunswick, Georgia Plant
Geosyntec Project: GR6881J**

Dear Ms. Gaynor :

On behalf of Hercules LLC (Hercules), Geosyntec Consultants (Geosyntec) is submitting this report to the Georgia Environmental Protection Division (EPD) summarizing the activities undertaken to demolish an unused office space and associated storage closet and bathroom on the east end of the Liquid Loading Shed at the Pinova facility located at 2801 Cook Street, Brunswick, Georgia (the Site). This work is part of an ongoing effort by Hercules to assess potential vapor intrusion pathways into buildings at the Site and to mitigate these potential vapor intrusion pathways, where applicable.

BACKGROUND

The Liquid Loading Shed (shown as Building #5 on **Figure 1**) is a one-story warehouse approximately 12,500 ft² in size with an enclosed office space on the east end of the building. The building is constructed approximately three feet above grade on concrete blocks with corrugated sheet metal siding. The sheet metal siding is supported on metal framing but is not affixed to the concrete block foundation leaving gaps between the siding and the foundation. The office space was enclosed by sheet rock walls with drop ceilings (shown on **Figure 2**). The office space floor has a crack, approximately 0.75 inches wide and 15 feet long that runs through the middle of the office space. A portion of the drop ceiling had collapsed. Pinova personnel stated that the office room was condemned and no longer used.

Hercules, Pinova, and EPD agreed to demolish the unused office space and associated storage closet and bathroom on the east end of the building rather than investigate the vapor intrusion

pathway further. EPD approved the plan to demolish the spaces as presented in the Vapor Intrusion Pathway Tier 1 Building Investigation Work Plan on August 5, 2020.

SUMMARY OF ACTIVITIES

EPD requested that Hercules provide a written and photographic summary of the demolition work to document the activity and the results. This letter provides that summary.

Geosyntec provided oversight of the demolition work performed by Moran Environmental Recovery (MER). Work associated with the demolition was substantially completed between February 8, 2021 and February 10, 2021. The final inspection and removal of the final load of demolition debris was completed on February 11, 2021.

During this time, Geosyntec observed the work, including the verification that utilities to the office and adjoining structures were terminated, demolition of the contracted spaces, the management of the demolition debris, and generally provided communication and coordination between the various team member – Hercules, Pinova, and MER.

Utility Termination

Pinova staff terminated the utilities to the office space, bathroom, and storage closet. This utility termination work was completed prior to Geosyntec and MER's mobilization to the Site. On February 8, 2021, prior to beginning demolition activities, the utility terminations were physically verified with Pinova, MER, and Geosyntec personnel.

Demolition

Between February 8, 2021 and February 10, 2021, MER demolished the office and the adjacent bathroom and storage closet. The work generally proceeded with the removal of furniture, trash, and loose debris from within each structure. This was followed by the removal of the sheathing from the framing of the structures. Once the sheathing was removed, the framing, terminated utility conduits, and remaining items were demolished down to the floor. Demolition was conducted using a combinations of hand tools (i.e., wrecking bars) and powered hand tools (i.e., reciprocating saws) to disassemble, demolish, and size the debris.

Once demolished, debris was transported by hand, via trash container, or via a pallet jack to a roll-off for containerization and, ultimately, off Site disposal. Upon completion of the demolition activities, the area was swept to remove residual debris.

A final inspection of the area was completed on February 11, 2021 with Geosyntec and Pinova personnel at which time the aforementioned bathroom vent stack and steam line were discussed and the overall work was accepted by Pinova as complete.

Debris Management

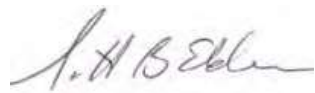
Debris consisting of wood sheathing and framing, insulation, utility conduits and wires, office doors and windows, furniture, trash, and general debris was generated throughout the demolition process. As the demolition debris was collected it was placed in roll-offs for off Site disposal at Waste Management's Chesser Island Road Landfill in Folkston, Georgia under MER's existing Profile #411212FL, "Diesel impacted soil and/or debris". It is noted that none of the demolition debris was soil or diesel impacted; it contained only demolition debris. In total, three loads of demolition debris were transported from the Site to the landfill, totaling 3.98 tons. Copies of the manifests and associated weight tickets are provided in **Attachment A**. Daily field reports, including photographs, documenting the on-site activities observed by Geosyntec during the Liquid Loading Building office demolition are provided in **Attachment B**.

Penny Gaynor
May 12, 2021
Page 4

CLOSING

Please contact either of the undersigned at 678-202-9500 if you have questions regarding this summary of activities.

Sincerely,
Geosyntec Consultants, Inc.



Scott B. Elder
Senior Principal



Gregory P. Roush, P.G.
Senior Principal

CC: Tim Hassett, Hercules
Jim Sliwinski, EPD
Amy Potter, EPD
Jill Clark, EPD
Todd Creamer, Geosyntec

Attachments: Figure 1 – Buildings in Vapor Intrusion Investigation
Figure 2 – Liquid Loading Shed
Attachment A – Manifests and Weight Tickets
Attachment B– Daily Field Reports

FIGURES

Building Number	Building	Building Number	Building
1	Maintenance Shop	27	Gate House
2	Resin Supervisor's Office	28	Lab Storage
3	E&I Shop	29	Changing Room
4	Terpenes Resins Building	30	Main Office Building
5	Liquid Loading Shed	31	Labs and Offices
6	Synthetic Resins Warehouse	32	Breakroom #1 (North of Labs & Offices)
7	Resin Shed	33	Breakroom #3
8	Vincol Warehouse #1	34	Breakroom #4
9	Staybelite Control Room	35	Breakroom #2
10	Control Room	36	Apartment Building

11	Refrigeration Shop
12	Supervisor's Office
13	Stillhouse Control Room
14	Crown Control Room
15	Office Trailer
16	Stillhouse Cooling Tower Control Room
17	Chemical Plant Control Room and Laboratory
18	Pexite Control Room
19	Small Office (North of Store Room)
20	Store Room
21	Breakroom #5 (West of Central Shops)
22	O&M Team Building
23	Firehouse
24	E&I Building
25	Restroom (North of Central Shops)
26	Central Shops



- Structure
- Building Containing Smaller Enclosed and Occupiable Space Susceptible to VI
- Building Determined Susceptible to VI
- Site Boundary (dashed where separating Hercules and Pinova properties)

Buildings in Vapor Intrusion Investigation

Hercules/Pinova Facility, Brunswick, Georgia

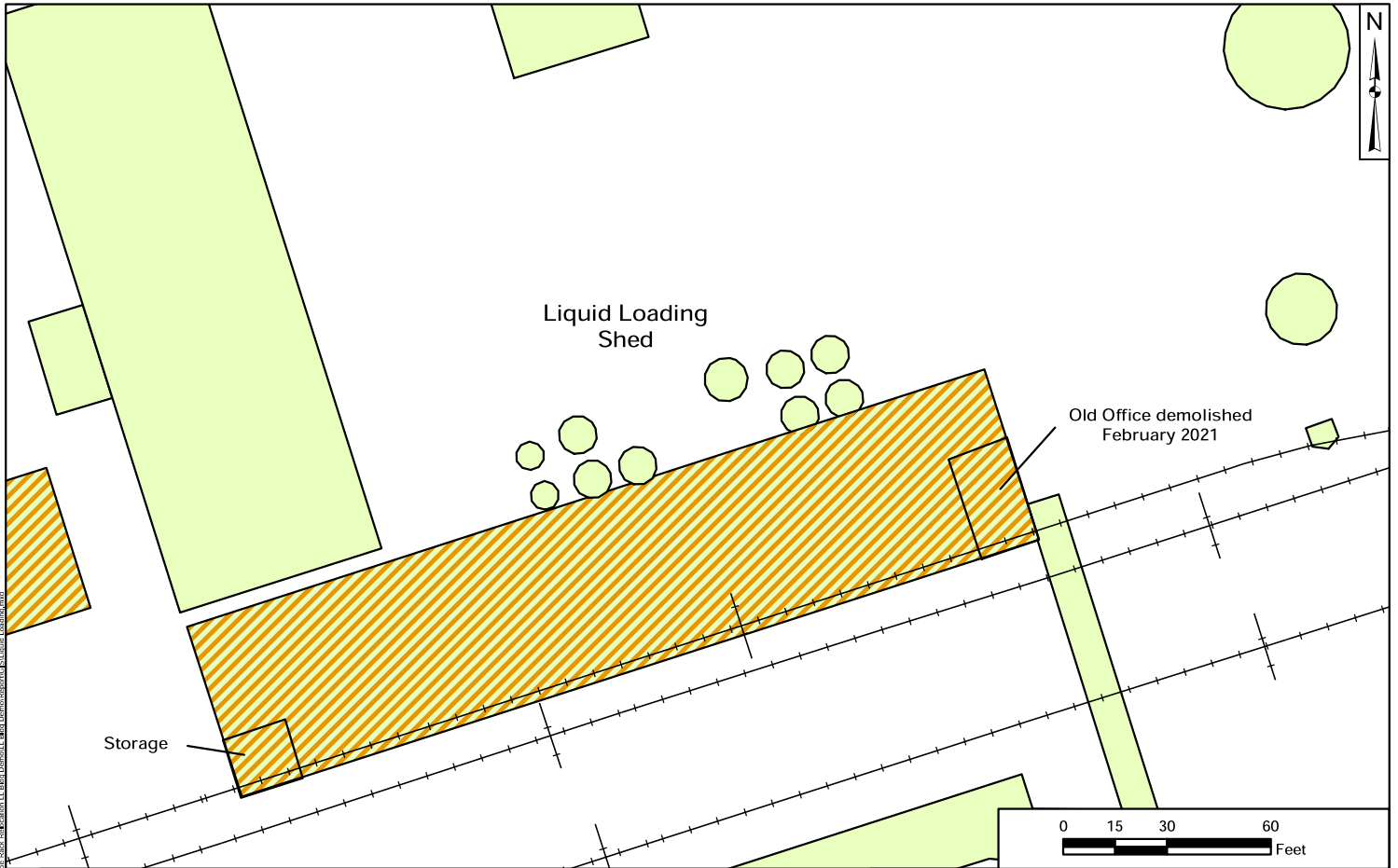
Geosyntec
consultants

Kennesaw

March 2021

Figure

1



Structure
 Building Containing Smaller Enclosed and Occupiable Space Susceptible to Vapor Intrusion
 Railroad

Notes:
 1. condemned, unoccupied, former office space

Liquid Loading Shed Hercules/Pinova Plant, Brunswick, Georgia		Figure 2
Kennesaw	March 2021	

Path: N:\Archived\Brunswick Plant\2021\GIS\Map_Series\2021_03_01_Liquid_Loading_Shed.mxd

ATTACHMENT A

Manifests & Weight Tickets

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: **FLD092718576**
 2. Page 1 of **1**
 3. Emergency Response Phone: **904-241-2200**
 4. Waste Tracking Number: **020921-1**

5. Generator's Name and Mailing Address: **Moran Environmental Recovery**
351 Levy Rd
Atlantic Beach, FL 32233
 Generator's Phone: **904-241-2200**
 Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: **Moran Environmental Recovery** U.S. EPA ID Number: **FLD092718576**
 7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **Chesser Island Road Landfill**
121 S Chesser Island Road
Folkston, GA 31537
 Facility's Phone: **912 446 7618** U.S. EPA ID Number:

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Construction and Demolition Debris Diesel fuel Contaminated	001	RD	5	T
2. SOIL + or Debris				
3. Cleanup				
4.				

13. Special Handling Instructions and Additional Information:
WM Profile 403028 GA 411212 FL
MER Job 20GARRA0183
PO# RAC00950 JF 007782

14. GENERATOR/S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: **A. Naylor** Signature: *[Signature]* Month: **02** Day: **09** Year: **21**

15. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials:
 Transporter 1 Printed/Typed Name: **Sarah A. Wolfe** Signature: *[Signature]* Month: **02** Day: **09** Year: **21**
 Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

17. Discrepancy: 17a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

17b. Alternate Facility (or Generator): Manifest Reference Number: U.S. EPA ID Number:

Facility's Phone: 17c. Signature of Alternate Facility (or Generator): Month: Day: Year:

18. Designated Facility Owner/Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a:
 Printed/Typed Name: **[Signature]** Signature: *[Signature]* Month: **02** Day: **09** Year: **21**



Chesser Island Landfill
 Hwy 121/South Chesser Island Rd, P.O.Box 128
 Folkston, GA, 31537
 Ph: (912) 496-7918

Reprint
 Ticket# 886362

Customer Name MORANENV_1884 MORAN	Carrier MORAN *	Volume
Ticket Date 02/09/2021	Vehicle# 377-20	
Payment Type Credit Account	Container	
Manual Ticket#	Driver	
Hauling Ticket#	Check#	
Route	Billing # 0001884	
State Waste Code	Gen EPA ID NR	
Manifest 020921-1	Grid	
Destination		
PO JF007782		
Profile 411212FL (SOIL PETROLEUM)		
Generator 114-MORANENV MORAN ENVIRONMENTAL RECOVERY, LLC		

	Time	Scale	Operator	Inbound	Gross	39740 lb
In	02/09/2021 11:44:56	Scale 1-301	jjohns94		Tare	36860 lb
Out	02/09/2021 11:44:56		jjohns94		Net	2880 lb
					Tons	1.44

Comments

SAVING TIME NEVER TRUMPS OVER SAFE BEHAVIOR!! THINK SAFETY!!

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 ContSoilPet-Tons-C	100	1.44	Tons				DUVAL

Total Fees
 Total Ticket

Driver`s Signature

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number FLD02718576	2. Page 1 of	3. Emergency Response Phone 904241-2200	4. Waste Tracking Number 021021-1
5. Generator's Name and Mailing Address MORAN ENVIRONMENTAL PRODUCTS 51 COUY RD ATLANTIC BEACH, FL		Generator's Site Address (if different than mailing address)			
Generator's Phone:		6. Transporter 1 Company Name MORAN ENVIRONMENTAL PRODUCTS		U.S. EPA ID Number FLD02718576	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address CHESSETT ISLAND ROAD LANDFILL 101 S CHESSETT ISLAND ROAD FOLKSTONE, GA 31537		U.S. EPA ID Number			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
DIESEL FUEL CONTAINMENT SOIL OR DEBRIS Cleanup		No.	Type		
		001	AO	5	T
13. Special Handling Instructions and Additional Information W/M Probie 411212 FL M/R JOB 20 GARAGE 3 PO# JF007182					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offoror's Printed/Typed Name R. Naylor		Signature <i>[Signature]</i>		Month 02	Day 10
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials		Transporter 1 Printed/Typed Name [Signature]		Signature <i>[Signature]</i>	
Transporter 2 Printed/Typed Name				Month 02	Day 10
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)		U.S. EPA ID Number			
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)				Month 02	Day 10
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a		Printed/Typed Name [Signature]		Signature <i>[Signature]</i>	
				Month 02	Day 10



Chesser Island Landfill
 Hwy 121/South Chesser Island Rd, P.O.Box 128
 Folkston, GA, 31537
 Ph: (912) 496-7918

Reprint
 Ticket# 886628

Customer Name MORANENV_1884 MORAN	Carrier MORAN *	Volume
Ticket Date 02/10/2021	Vehicle# 377-20	
Payment Type Credit Account	Container	
Manual Ticket#	Driver	
Hauling Ticket#	Check#	
Route	Billing # 0001884	
State Waste Code	Gen EPA ID NR	
Manifest 021021-1	Grid	
Destination		
PO JF007782		
Profile 411212FL (SOIL PETROLEUM)		
Generator 114-MORANENV MORAN ENVIRONMENTAL RECOVERY, LLC		

	Time	Scale	Operator	Inbound	Gross	
In	02/10/2021 11:00:46	Scale 1-301	jjohns94		Tare	39360 lb
Out	02/10/2021 11:35:21	Scale 1-301	jjohns94		Net	36900 lb
					Tons	2460 lb
						1.23

Comments

SAVING TIME NEVER TRUMPS OVER SAFE BEHAVIOR!! THINK SAFETY!!

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 ContSoilPet-Tons-C	100	1.23	Tons				DUVAL

Total Fees
 Total Ticket

Driver`s Signature

11530

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
FLD092718576

2. Page 1 of 1

3. Emergency Response Phone
904 241 2200

4. Waste Tracking Number
021121-1

5. Generator's Name and Mailing Address
MORAN Environmental Recovery
351 Leys Rd
Atlantic Beach, FL 904 241 2200

U.S. EPA ID Number
FLD092718576

6. Transporter 1 Company Name
MORAN Environmental Recovery

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Chesler Island Road (Avenue 11)
Box 181 South Chesler Island Road
Falkston, GA 912 496 7618

9. Waste Shipping Name and Description
1. Diesel Fuel Contaminated Soil
or Debris Clean up

10. Containers		11. Total Quantity	12. Unit Wt./Vol.
No.	Type		
001	RO	5	T

13. Special Handling Instructions and Additional Information
WM Profile # 411212 FL
MER Job # 005ARA0123
PO# JF007782

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name: Rob Naylor
Signature: [Signature]
Month Day Year: 2/11/21

GENERATOR
INTL
TRANSPORTER
DESIGNATED FACILITY

15. International Shipments
 Import to U.S. Export from U.S.
Port of entry/exit: _____
Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: PATRICK ANDLER
Signature: [Signature]
Month Day Year: 2/11/21
Transporter 2 Printed/Typed Name: _____
Signature: _____
Month Day Year: _____

17. Discrepancy
17a. Discrepancy Indication Space
 Quantity Type Residue Partial Rejection Full Rejection

17b. Alternate Facility (or Generator)
Manifest Reference Number: _____
U.S. EPA ID Number: _____

17c. Signature of Alternate Facility (or Generator)
Facility's Phone: _____
Month Day Year: _____

18. Designated Facility Owner or Operator
Printed/Typed Name: Denise Shuman
Signature: [Signature]
Month Day Year: 2/11/21

DESIGNATED FACILITY TO GENERATOR



Chesser Island Landfill
 Hwy 121/South Chesser Island Rd, P.O.Box 128
 Folkston, GA, 31537
 Ph: (912) 496-7918

Reprint
 Ticket# 886950

Customer Name MORANENV_1884 MORAN	Carrier MORAN *	Volume
Ticket Date 02/11/2021	Vehicle# 377-20	
Payment Type Credit Account	Container	
Manual Ticket#	Driver	
Hauling Ticket#	Check#	
Route	Billing # 0001884	
State Waste Code	Gen EPA ID NR	
Manifest 021121-1	Grid	
Destination		
PO JF007782		
Profile 411212FL (SOIL PETROLEUM)		
Generator 114-MORANENV MORAN ENVIRONMENTAL RECOVERY, LLC		

	Time	Scale	Operator	Inbound	Gross	39520 lb
In	02/11/2021 12:06:41	Scale 1-301	jjohns94		Tare	36900 lb
Out	02/11/2021 12:06:41		jjohns94		Net	2620 lb
					Tons	1.31

Comments

SAVING TIME NEVER TRUMPS OVER SAFE BEHAVIOR!! THINK SAFETY!!

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 ContSoilPet-Tons-C	100	1.31	Tons				DUVAL

Total Fees
 Total Ticket

Driver`s Signature

ATTACHMENT B

Daily Field Reports

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION		
PROJECT: Pinova Liquid Loading Office Demo		DATE: Monday, February 08, 2021
DESCRIPTION: Liquid Loading Office Demo	PROJECT NO.: GR6881J	PHASE NO.: 1001/02
CLIENT: Hercules	LOCATION: Brunswick, GA	
CONTRACTOR(S): Moran Environmental Recovery (MER)		
WEATHER: Sunny Hi 60 Lo 45, Calm Wind		
ON-SITE PERSONNEL		
NAME	COMPANY	POSITION
Dan Gibbs (DG)	Geosyntec Consultants	Construction Manager
Rob Naylor (RN)	Moran Environmental	Supervisor
John Marshall Headrick (JH)	Moran Environmental	Tech
Todd Burczak (TB)	Moran Environmental	Tech
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
VISITOR'S NAME		COMPANY
Mike Crews (MC)		Pinova
N/A		N/A
N/A		N/A
N/A		N/A
N/A		N/A
N/A		N/A
EQUIPMENT LIST		
DESCRIPTION (QTY)	MODEL NO.	COMMENTS
Scissor Lift (Skyjack)	SJIH 3219	N/A
20-yard covered dumpster	N/A	N/A
Pallet Jack	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
MATERIALS DELIVERED		
DESCRIPTION	QTY	CONDITIONS / COMMENTS
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demo

DATE: Monday, February 08, 2021

DESCRIPTION: Liquid Loading Office Demo

PROJECT NO.:GR6881J

PHASE NO.: 1001/02

SITE CONDITIONS

Damp

DESCRIPTION OF WORK

0715 – DG arrived onsite, badged in through the Pinova security gate, and made his way back to the Toxaphene Tank Farm (TTF) where the pipe rack relocation work is to be performed. Following observation of morning work, DG travelled over to the office demolition in the Liquid Loading Building.

0845 – Moran Environmental Recovery (Moran or MER) arrived onsite and contacted Mike Crews (Pinova) about getting the facility trades to verify utility disconnect to the Liquid Loading Office that is to be demolished.

0900 – Moran performed safety meeting while waiting on facility trades to show up.

1015 – MC arrived at the area to issue a hot work permit for the Liquid Loading Office demolition activities and review the utility disconnects.

1045 – MC told Moran that he could not issue a hot work permit until they have a 4-gas/LEL meter onsite.

1110 – Moran started to remove contents out of the old office (furniture, trash, and other debris) and throw into the 20-yard covered dumpster.

1125 – Moran notified DG that a 4-gasLEL meter was on the way to the site.

1200 – Moran breaks for lunch.

1245 – Moran resumed office clean out and received delivery of their 4-gas/LEL meter.

1400 – Moran continued demolition of the liquid loading office, bathroom, and storage closet with the removal of sheathing on the walls, removal of doors, and removal of windows.

1615 – Moran completed removing the sheathing on the Liquid Loading Office.

1700 – Moran started to clean up the work area for the end of the day.

1745 – DG and Moran offsite.

PROBLEMS/DELAYS ENCOUNTERED

Moran was delayed getting a hot work permit due to lack of 4-gas/LEL meter but this did not slow work. Work continued through use of hand tools with no hot work permit needed.

MODIFICATIONS TO PLANNED SCOPE OF WORK

N/A

TESTING

N/A

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demo

DATE: Monday, February 08, 2021

DESCRIPTION: Liquid Loading Office Demo

PROJECT NO.: GR6881J

PHASE NO.: 1001/02

INCIDENTS

N/A

OTHER INFORMATION

Time Work Started: 0845 End Work: 1745

Prepared By: Dan Gibbs

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demo

DATE: Monday, February 08, 2021

DESCRIPTION: Liquid Loading Office Demo

PROJECT NO.: GR6881J

PHASE NO.: 1001/02

SITE PHOTOGRAPHS

Photo No.: 3864

Direction: Southeast

Description: Liquid Loading Office before demolition.



Photo No.: 3884

Direction: Southeast

Description: Moran removing sheathing, windows, and door frames.



DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demo

DATE: Monday, February 08, 2021

DESCRIPTION: Liquid Loading Office Demo

PROJECT NO.: GR6881J

PHASE NO.: 1001/02

Photo No.: 3886

Direction: East

Description: Moran removing sheathing from the bathroom and storage room.



Photo No.: 3888

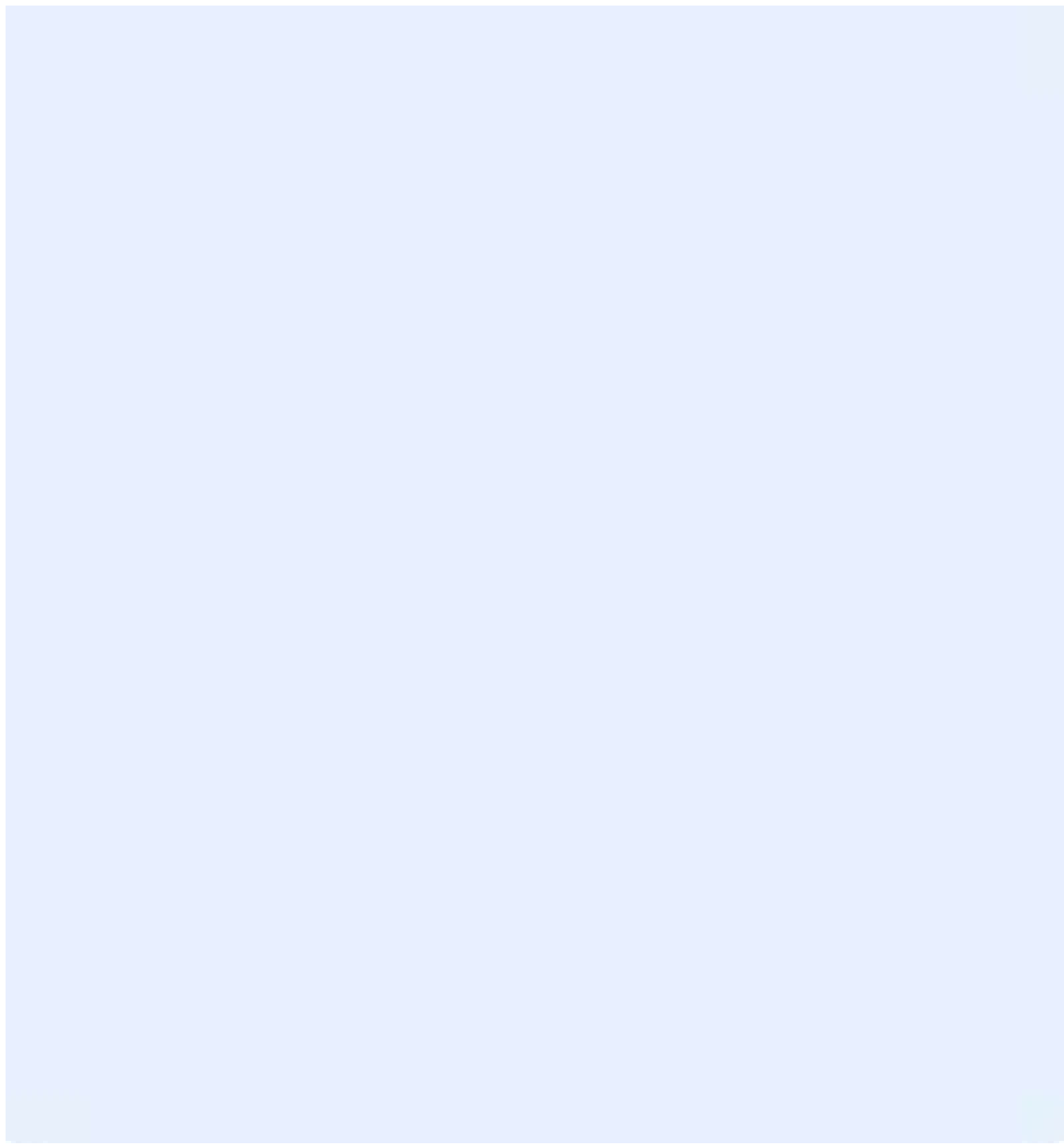
Direction: East

Description: Moran's end of day progress on the Liquid Loading Office demo.



DAILY FIELD REPORT

SITE SKETCH



SITE SKETCH LEGEND		N/A		N/A	
N/A		N/A		N/A	
N/A		N/A		N/A	
N/A		N/A		N/A	

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION		
PROJECT: Pinova Liquid Loading Office Demolition	DATE: Tuesday, February 09, 2021	
DESCRIPTION: Liquid Loading Office Demolition	PROJECT NO.: GR6881J	PHASE NO.: 1001/02
CLIENT: Hercules	LOCATION: Brunswick, GA	
CONTRACTOR(S): Moran Environmental Recovery		
WEATHER: Scattered Showers Hi 64 Lo 56, Calm Wind		
ON-SITE PERSONNEL		
NAME	COMPANY	POSITION
Dan Gibbs (DG)	Geosyntec Consultants	Construction Manager
Rob Naylor (RN)	Moran Environmental	Supervisor
John Marshall Headrick (JH)	Moran Environmental	Tech
Eric Howell (EH)	Moran Environmental	Tech
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
VISITOR'S NAME		COMPANY
Mike Crews (MC)		Pinova
N/A		N/A
N/A		N/A
N/A		N/A
N/A		N/A
N/A		N/A
EQUIPMENT LIST		
DESCRIPTION (QTY)	MODEL NO.	COMMENTS
Scissor Lift (Skyjack)	SJIH 3219	N/A
20-yard covered dumpster	N/A	Removed and returned/replaced
Pallet Jack	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
MATERIALS DELIVERED		
DESCRIPTION	QTY	CONDITIONS / COMMENTS
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demolition

DATE: Tuesday, February 09, 2021

DESCRIPTION: Liquid Loading Office Demolition

PROJECT NO.:GR6881J

PHASE NO.: 1001/02

SITE CONDITIONS

Wet

DESCRIPTION OF WORK

0715 – DG arrived onsite, badged in through the Pinova security gate, and made his way back to the Liquid Loading Building where the office demo work was being performed.

0740 – Moran Environmental Recovery (Moran) arrived onsite and started the work permit process with Pinova.

0830 – Moran received their work permit and began work for the day on the office demolition. The office was demolished using hand tools. Debris was transported to the 20-yard roll-off container.

0900 – Moran's roll-off truck arrived to pick up the first, full roll-off container and transport it off site, under manifest, for disposal.

0930 – Moran continued to demolish the Liquid Loading Office area, stacking the debris until an empty roll-off container was returned to site.

1100 – Moran continues demolition the Liquid Loading Office area.

1200 – Moran breaks for lunch.

1230 – Moran resumes work on demolishing the Liquid Loading Office using hand tools.

1400 – Moran's roll-off truck arrives back on site and drops an empty 20-yard roll-off container.

1415 – Moran started to fill the roll-off with the stacked demolition debris.

1530 – Moran completed demolition of the bathroom and the storage room attached to the office.

1700 – Moran cleaned up the work area for the day. The work remaining includes the 2x4 framing of the Liquid Loadout Office. This will be demolished tomorrow.

1715 – Moran offsite.

1720 – Geosyntec offsite.

PROBLEMS/DELAYS ENCOUNTERED

N/A

MODIFICATIONS TO PLANNED SCOPE OF WORK

N/A

TESTING

N/A

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demolition

DATE: Tuesday, February 09, 2021

DESCRIPTION: Liquid Loading Office Demolition

PROJECT NO.:GR6881J

PHASE NO.: 1001/02

INCIDENTS

N/A

OTHER INFORMATION

Time Work Started: 0715 End Work: 1720

Prepared By: Dan Gibbs

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demolition

DATE: Tuesday, February 09, 2021

DESCRIPTION: Liquid Loading Office Demolition

PROJECT NO.: GR6881J

PHASE NO.: 1001/02

SITE PHOTOGRAPHS

Photo No.: 3895

Direction: South

Description: Moran picking up the full 20-yard roll-off container.



Photo No.: 3898

Direction: Southeast

Description: Moran demolishing disconnected electrical conduit.



DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demolition

DATE: Tuesday, February 09, 2021

DESCRIPTION: Liquid Loading Office Demolition

PROJECT NO.: GR6881J

PHASE NO.: 1001/02

Photo No.: 3908

Direction: East

Description: Moran completed demolition of the bathroom and storage room adjacent to the office space.



Photo No.: 3909

Direction: East












Description: Moran's end of day progress on the Liquid Loading Office demolition. All that remains is the framing for the office space.



DAILY FIELD REPORT

SITE SKETCH



SITE SKETCH LEGEND		N/A		N/A	
N/A		N/A		N/A	
N/A		N/A		N/A	
N/A		N/A		N/A	

DAILY FIELD REPORT		
PROJECT AND SITE INFORMATION		
PROJECT: Pinova Liquid Loading Office Demolition	DATE: Wednesday, February 10, 2021	
DESCRIPTION: Liquid Loading Office Demolition	PROJECT NO.:GR6881J	PHASE NO.: 1001/02
CLIENT: Hercules	LOCATION: Brunswick, GA	
CONTRACTOR(S): Moran Environmental Recovery (Moran)		
WEATHER: Overcast Hi 65 Lo 56, Calm Wind		
ON-SITE PERSONNEL		
NAME	COMPANY	POSITION
Dan Gibbs (DG)	Geosyntec Consultants	Construction Manager
Rob Naylor (RN)	Moran Environmental	Supervisor
John Marshall Headrick (JH)	Moran Environmental	Tech
Eric Howell (EH)	Moran Environmental	Tech
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
VISITOR'S NAME		COMPANY
Mike Crews (MC)		Pinova
N/A		N/A
N/A		N/A
N/A		N/A
N/A		N/A
N/A		N/A
EQUIPMENT LIST		
DESCRIPTION (QTY)	MODEL NO.	COMMENTS
Scissor Lift (Skyjack)	SJIH 3219	N/A
20-yard covered dumpster	N/A	Removed and returned/replaced
Pallet Jack	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
MATERIALS DELIVERED		
DESCRIPTION	QTY	CONDITIONS / COMMENTS
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demolition

DATE: Wednesday, February 10, 2021

DESCRIPTION: Liquid Loading Office Demolition

PROJECT NO.: GR6881J

PHASE NO.: 1001/02

SITE CONDITIONS

Wet

DESCRIPTION OF WORK

0715 – DG arrived onsite, badged in through the Pinova security gate, and made his way back to the Liquid Loading Building where the Office demolition work is being performed.

0755 – Moran arrived onsite and started the work permit process with Pinova.

0815 – Moran received the required work permits and continued demolition and filling the 20-yard roll-off container with demolition debris.

0855 – Moran's roll-off truck arrived on site to pick up the full roll-off container (2nd load overall) and transport it under manifest to the landfill for disposal.

0910 – Moran continued to demo the liquid loading office stacking the debris until an empty roll-off container can be returned to site.

1000 – Moran removed the 2x4 framing on the northern wall of the office.

1030 – Moran removed the 2x4 framing on the western wall of the office.

1100 – Moran removed the 2x4 framing on the southern wall of the office.

1125 – Moran removed the 2x4 framing on the eastern wall of the office.

1200 – Moran break for lunch.

1300 – Moran's roll-off truck arrived back on site with an empty roll-off container.

1305 – Moran resumed work, filling the empty roll-off with debris stockpiled from the ongoing office demolition.

1400 – All framing has been removed, all disconnected utilities removed, Demolition is complete. One area of vinyl floor tile type material remains in part of the demolition area. It will not be removed due to possible presence of asbestos containing materials (ACM). Moran starts final cleanup of the office demolition area.

1510 – Moran completed final cleanup.

1515 – DG and RN walked the area for final inspection. Moran's roll-off will be removed from the work area tomorrow all other rental equipment has been moved to a pickup location for the rental company to retrieve. Work area will be inspected with MC tomorrow for final approval on the work.

1600 – Moran offsite. Geosyntec off site (1605).

11 February 2021: This morning Mike Crews walked the Liquid Loading Office area with DG and confirmed that he was satisfied with the work that was completed. He noted that he needs to get with his internal team about a bathroom vent stack he told Moran to leave in place and an overhead steam line that he said was a Pinova issue. Moran removed the final (3rd) filled rolloff box.

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demolition

DATE: Wednesday, February 10, 2021

DESCRIPTION: Liquid Loading Office Demolition

PROJECT NO.:GR6881J

PHASE NO.: 1001/02

PROBLEMS/DELAYS ENCOUNTERED

N/A

MODIFICATIONS TO PLANNED SCOPE OF WORK

N/A

TESTING

N/A

INCIDENTS

N/A

OTHER INFORMATION

Time Work Started: 0715 End Work: 1605

Prepared By: Dan Gibbs

DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demolition

DATE: Wednesday, February 10, 2021

DESCRIPTION: Liquid Loading Office Demolition

PROJECT NO.: GR6881J

PHASE NO.: 1001/02

SITE PHOTOGRAPHS

Photo No.: 3913

Direction: South

Description: Moran removing northern 2x4 wall of the liquid loading office.



Photo No.: 3915

Direction: South

Description: Moran removing eastern 2x4 wall of the liquid loading office.



DAILY FIELD REPORT

PROJECT AND SITE INFORMATION

PROJECT: Pinova Liquid Loading Office Demolition

DATE: Wednesday, February 10, 2021

DESCRIPTION: Liquid Loading Office Demolition

PROJECT NO.: GR6881J

PHASE NO.: 1001/02

Photo No.: 3933

Direction: Southeast

Description: Moran completed demolition of the office and is performing final cleanup.



Photo No.: 3935

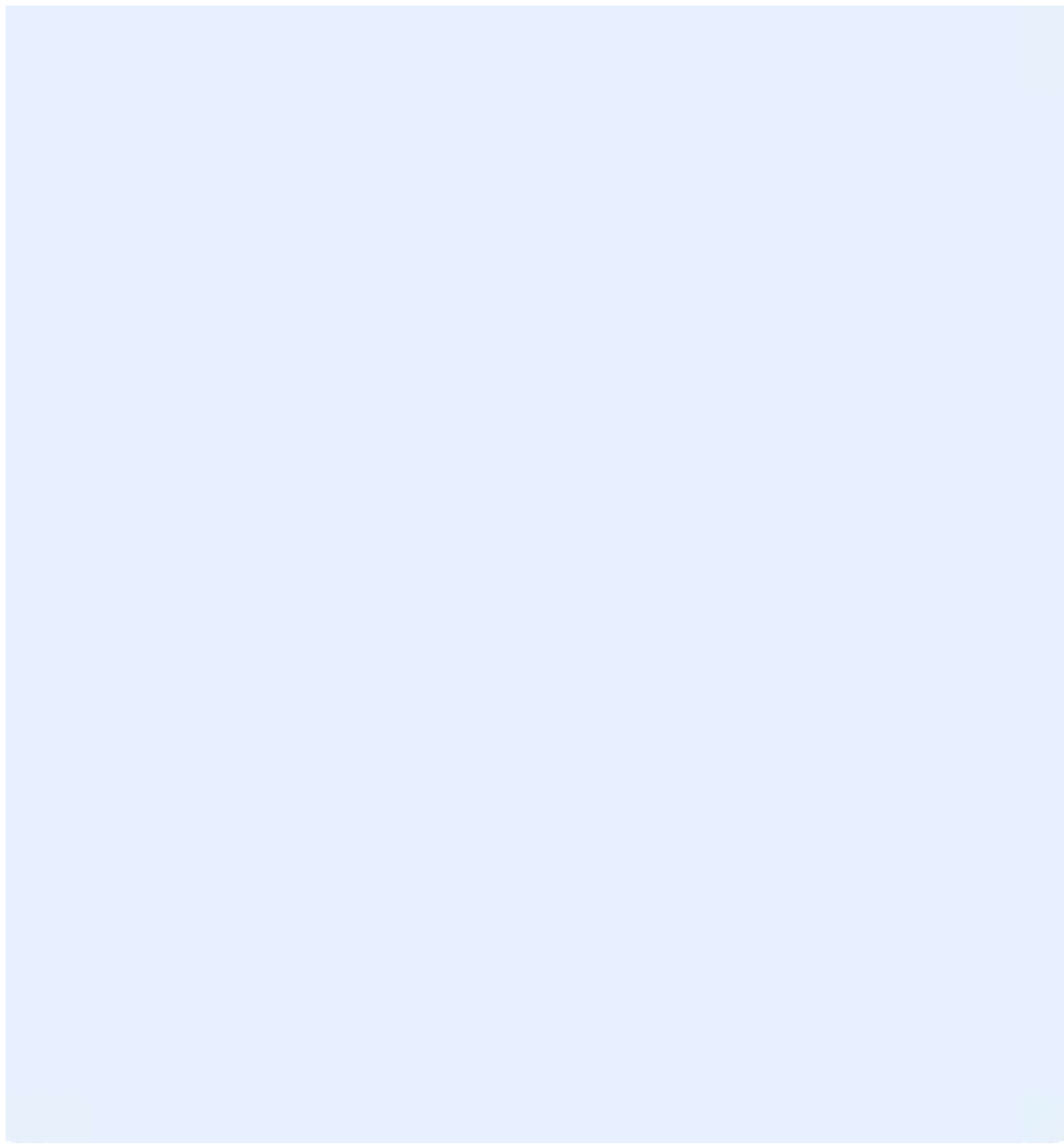
Direction: Southeast

Description: Completed liquid loading office demo. All debris left in place.



DAILY FIELD REPORT

SITE SKETCH



SITE SKETCH LEGEND		N/A		N/A	
N/A		N/A		N/A	
N/A		N/A		N/A	
N/A		N/A		N/A	