



P.O. Box 9220, Panama City, FL 32417
Office: 850-235-1727, Fax: 850-235-0517

September 12, 2019

via electronic mail
Steve Morgan
Florida Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, FL 33637-0926

Re.: American Steel Processing Recycling Center
Temporary Approval of Advanced Metal Recovery
Hillsborough County, FL
WACS No.: 106062

Dear Mr. Morgan:

In accordance with the reference Temporary Approval WACS No. 106062 (the “Order”), this letter represents the first monthly report by American Steel Processing Company (“AmSteel”) as required under Conditions of Administration of Order, section 9. Per the Order the following is a summary of items completed and in progress:

1. Health and Safety plans for the site are updated. Annual employee training is performed and each employee is required to sign-off attendance to the training. Attached is a copy of the site “Job Site Work Rules” and a copy of the last employee training log.
2. Immediately on approval of the Order, AmSteel has updated the site Operational Plan (see attached updated plan). Specifically in respect to ash liberated from the inbound ferrous materials, such liberated ash is returned on a daily basis to the originating waste-to-energy facility. The AmSteel Recycling Center operates 6 days per week. Any ash held over and staged in the bunker after each day’s processing is covered by tarp at the end of the day. The objective of the tarp covering is to keep the ash dry thus mitigate formation of leachate. However, AmSteel maintains its efforts to minimize ash maintained on the site by using daily transport of the ash back to its origin, thus ash is typically maintain on site less than 3 days.
3. Immediately on approval of the Order, AmSteel has implemented berms (hydra-barriers - attached) on the site perimeter to prevent any water runoff from the site to adjacent lands. The hydra-barriers have been implemented to augment the existing concrete curbs on the site perimeter. In addition to the site perimeter barriers



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AmSteel has implemented Jersey Barriers and Hay Bales to wall off "Non-Processing Area" (see attached drawing C4.2). Since implementation of the perimeter barriers and with the topography of the site, this system has been successful to preventing run-off to adjacent property.

4. AmSteel has completed evaluation of the on-Site soils in compliance with the Order. Soil samples have been collected and analyzed. The summary of the results of the soils analysis is attached. From the results all the parameters are under the regularity SPLP limits.
5. In accordance with discussions with FL-DEP regarding the development of leachate management for the Recycling Center site, a proposed plan is currently under review and will be forwarded separately prior to the meeting of September 26, 2019.
6. Attached is a copy of the monthly routine inspection for August 2019. This inspection report will form the basis of the monthly report going forward along with any additional tests and operational changes at the site.

Please feel free to contact me at 516-384-7404 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "R. D. Middleton".

R. D. Middleton
V. P. - American Steel Processing Co.

cc: T. Fanell – CEO American Steel Processing Co.,

AMERICAN STEEL PROCESSING COMPANY

JOB SITE WORK RULES

IMPORTANT TIMES

- 7:00 a.m. is starting time to work
- 12:00 -12:45 p.m. is lunch unless other advised
- 5:00 p.m. is the end of the work day, unless otherwise agreed

EQUIPMENT

- Be aware as large powered equipment is operated on the job site
- Qualified operators only are allowed on powered equipment
- Tools and supplies are to be stored in proper designed and secured containers

CLOTHES

- You may get dirty on the job, dress appropriately – jeans, long pants, button shirts
- Wear hard soled, closed toed shoes (no sandals, flip-flops, dress shoes)
- Wear safety protection when instructed – safety glasses, safety belts, hard hats, gloves, dust masks, etc. (see applicable sections publication OSHA 3077 and company safety manual)

HOUSEKEEPING

- Smoking is allowed in designed outdoor areas
- Dispose of trash and garbage in containers on the site
- Maintain work and storage areas neat and clean
- Park personal vehicles in designated areas

GOOD WORK PRACTICES

- No horseplay, arguing, or fighting
- No illicit or illegal activity will be allowed, any violation will mean immediate dismissal
- Report all accident to job site leader immediately
- All employees must complete and sign-off job site training log on minimum annual basis

SECURITY

- Return used tools and materials to appropriate storage trailer or containers
- Direct all visitors or strangers to the job site leader

Stormwater Pollution Prevention Plan Employee Training Sign-in Log

Training Date and Time:

Instructor Name:

Signature:

2-13-2019
Steve Roehrig
berm

Comments and Notes:

Operational Plan

AMERICAN STEEL PROCESSING COMPANY

American Steel Processing Company
Orient Road Recycling Center
6902 East 6th Avenue
Tampa, Florida 33619

February 2016
(Last Revised 08/2019)

GENERAL INFORMATION

Emergency Contact Title: Site Manager

Emergency Contact Name: Steve Roehrig

Emergency Contact Phone: 727-906-6243

Site Phone Number: 813-635-9294

Operations Schedule: Daily including Saturdays
7:00 a.m to 5:00 p.m (Sat. 3pm)

Employees on Site: 5 to 7 daily



**PO BOX 9220 PANAMA CITY FL 32417
850-235-1727**

Processing Location:

American Steel Recycling Center
6902 East 6th Avenue
Tampa, FL 33619

Primary Contact:

Robert Middleton
Phone #: 516-384-7404

Covanta Facilities Processed:

Covanta Hillsborough, Inc.
350 North Falkenberg Road
Tampa, FL 33619

Covanta Lee, Inc.
10500 Buckingham Road
Fort Myers, FL 33905

Covanta Pasco, Inc.
14230 Hays Road
Spring Hill, FL 34610

Covanta Pinellas
3001 110th Ave North
St Petersburg, FL 337816

Covanta Lake, Inc.
3830 Rogers Industrial Park Road
Okahumpka, FL 34762

General Site Information:

1. Operating hours: M – F: 7 a.m. to 5 p.m., Saturday: 7 a.m. to 3 p.m.
2. Primary Site Equipment and Configuration:
 - a. None of the site equipment is fixed in place. All of the site equipment is mobile or portable. Site equipment is diesel engine powered.
 - b. Primary processing is two ferrous processing trains consisting of high capacity power screener, discharge hopper conveyor, and ferrous recovery magnets. Each processing train is configured to operate independently facilitating capacity and redundancy (currently the site is operating only 1 of the ferrous processing trains. The second train equipment is used for backup redundancy).
 - c. Nonferrous processing mobile unit (future).

- d. Three front-end wheel loaders are used to move materials on site (mobile diesel powered).
- e. Two excavator cranes, mobile diesel powered, with associated electro-magnets and grapples are used for feeding the processing trains and truck loading.
- f. A spare parts and consumable materials storage container is included. The container is secured and locked.
- g. Office building and truck weigh scale unit is provided.
- h. Material storage bins are provided for staging and segregating materials.

Operational Procedures:

1. The American Steel Recycling Center is a special purpose facility designed to manage and process a single product – ferrous/nonferrous metal scrap originating from waste-to-energy facilities. The American Steel Recycling Center is further limited to processing only those ferrous/nonferrous metal scrap materials originating from the five Covanta waste-to-energy facilities mentioned above. The American Steel Recycling Center does not accept general scrap material items from “street peddlers”. The American Steel Recycling Center is a unique and “niche” process designed to provide environmentally sound management of an otherwise waste material for the purpose of promoting recycling/reuse by upgrading the material to a marketable and recyclable product.
2. The American Steel Recycling Center is a “tolling” center and does not take ownership of any of the materials which are processed or handled at the Recycling Center. All materials remain the sole property of the originating Covanta waste-to-energy facility for the purpose of marketing of the recycled materials and for the purpose of disposal of all residuals.
3. The ferrous and nonferrous materials originate from mechanical and magnetic recovery at the Covanta waste-to-energy facilities (listed above) following combustion of solid waste. The recovered ferrous and nonferrous materials at the waste-to-energy facilities contain portions of non-metallics which are part of the ferrous and nonferrous materials stream at the waste-to-energy facilities. The non-metallics include stumps, tires, and combustor ash residue. The purpose of the American Steel Recycling Center is to remove the non-metallics from the metallic component of the stream. The resulting metallic component is a recyclable scrap metal product. The resulting non-metallic materials are a non-hazardous disposal material.
4. Under contract to Covanta, American Steel Processing Company is responsible for the materials processing and additionally responsible for providing hauling services for the ferrous and nonferrous materials originating at the Covanta waste-to-energy facilities. American Steel Processing Company is responsible for the transport of the ferrous and nonferrous materials to the American Steel Recycling Center. The ferrous and nonferrous materials are transported to the Recycling Center on dump tractor trailer trucks with tarp covers. On arrival at the Road Recycling Center each truck is inspected to determine the origin and the type of materials, paper documents from the origin waste-to-energy facility are checked, each truck is weighted, and then directed to a discharge area for dumping the materials at the site. The dumping area shall be an impervious concrete or asphalt surface.

5. At the Recycling Center American Steel Processing Company is responsible for providing all labor, heavy equipment, fuels and materials for processing the ferrous and nonferrous metals.
6. The inbound ferrous and nonferrous materials are processed by feeding the materials into a combination of screens/shakers, magnets, and reverse magnets (eddy-current separator) for processing to separate the metallic fractions of materials from the non-metallic fractions. Processing of inbound materials is typically on the day of delivery and not more than 3 days from delivery to the site. The materials are not stored at the site but only temporarily staged awaiting transport to consumers for the recycled metals and transport to disposal for non-metallics. Refer to Operational Schematic – Appendix A.
7. Once the ferrous and nonferrous materials complete the processing stage, American Steel utilizes front-end wheel loaders and excavator cranes to load hauling vehicles (provided by American Steel) to transport the metals to Covanta's scrap metal consumers (buyers) for recycling, and to load hauling vehicles (provided by American Steel) to transport the non-metallics materials to final disposition as directed by Covanta.
8. At the American Steel Recycling Center there are material storage bunkers (separate bunkers for the five facilities) where the non-metallic residues liberated by the processing are temporally staged. Non-metallic materials from each respective waste-to-energy facility are not commingled with non-metallic materials from another facility. Daily processing is managed to keep the materials moving in and out of the Recycling Center on a "first-in-first-out" basis so as to minimize any materials being staged at the site for any materially significant duration. Typically materials are processed within 1 day of delivery to the Recycling Center. The non-metallic residues are transported daily to minimize the on-site staging of non-metallic ash residues.
9. The non-metallic materials are transported daily back to the respective originating Covanta waste-to-energy facility for discharge and final disposition by Covanta, or the non-metallic materials may be transported directly to a landfill as directed by Covanta. Covanta or Covanta's County clients are responsible for the cost of disposal of the non-metallic materials. In the case of any non-metallic materials which remain on the site after the end of each day's processing, such materials are held in their respective staging bunkers and the bunker is covered by tarp until the non-metallics are transported off the site on the next work day.
10. Weighs for the inbound ferrous and nonferrous materials delivered to the American Steel Recycling Center are established for revenue purposes by the scale tickets produced at the respective Covanta waste-to-energy facility's scale. These weighs are tabulated to determine the total inbound material weighs delivered to the American Steel Recycling Center. Additionally, a returned non-metallic residue scale ticket is generated at the respective Covanta (or landfill) facility's scale to determine the returned non-metallic materials from the American Steel Recycling Center after processing. The American Steel Recycling Center truck scale is used to provide confirming tickets to the Covanta waste-to-energy plant's scales and material buyer's scales.
11. Outbound weights of recyclable metals from the American Steel Recycling Center to Covanta's consumer is established by a scale ticket produced by the consumer (Trademark Metals Recycling, LLC) to determine total quantities of recycled metals

delivered from the Recycling Center. The processed recyclable scrap metals are transported daily to minimize the time the recycled scrap metals are staged at the Recycling Center – material is continually rotating out and typically transported within 1 - 3 days after processing.

12. American Steel Recycling Center materials inventories at the site:

Daily:	Inbound tons:	250 (avg)	350 (max)	100 (staged)
	Outbound metals:	150 (avg)	250 (max)	50 (staged)

Records of the material inventories are maintained daily and tabulated for reporting on a monthly basis and such records are available to agencies having jurisdiction upon request.

13. Operations at the Recycling Center provide for daily site maintenance including:

- a. Equipment inspections for operational readiness and to insure equipment properly maintained.
- b. Site areas are provided with litter control devices and any site trash is cleaned daily. The Recycling Center gets twice weekly garbage pickup services.
- c. The Recycling Center design includes a drainage control system to manage and control stormwater in accordance with an approved Storm Water Pollution Prevention Plan (SWPPP). Operational practices for stormwater management include regular cleaning and changing site drain filters and monitoring and analysis of stormwater outfalls, spill and leakage log is maintained at the site to ensure any incidental equipment leaks are repaired and spills cleanup. Spill cleanup materials are maintained on site to immediately clean any incidental spills or leaks. No equipment is washed down on the site, fluids and stored in secured building, processing operations are suspended during times of precipitation
- d. The Recycling Center operates under a FL-DEP administrative order for solid waste management with operational provisions including implementation of site soil sampling and analysis requirements and leachate control requirements. Operational practices are implemented to minimize or eliminate leachate formation and include minimizing staging time of materials at the site, regular street sweeper cleaning of site surfaces, use of curbs and dams to collect and maintain free water at the ash staging bunkers and use of absorbents to solidify such free water in the ash staging bunkers.

14. Tools and consumables are maintained in a secured storage trailer on site. An office trailer is maintained on site for admin and employee lunch and bathroom facilities. The Recycling Center maintains three (3) 500 gallon fuel tanks on the site. Tool box safe meeting are conducted daily and training for site operations personnel is conducted regularly per the site's approved regulatory plan and Site Rules.

Closure Plan

Upon completion of the work at the site and under the terms of termination of the lease agreement, American Steel Processing Company shall be responsible to leave the site in well maintained conditions with normal wear and tear under the lease terms. Additionally, and to be consistent with the lease requirements American Steel Processing shall:

1. Notify the EPC in writing prior to ceasing operations, that a closing date will be specified and that no materials will be received by Recycling Center after the closing date.
2. Within 30 days of receipt of the final materials at the Recycling Center, remove all product materials and shall additionally remove or dispose of all wastes and residues that are staged at the Recycling Center with putrescible waste managed in accordance with applicable regulations.
3. Shall notify to EPC that closure will be completed within 180 days after receiving the final materials shipments, that closure will include removal of all recovered materials from the Recycling Center, as well as performing any contamination evaluation required by applicable regulation and that EPC shall be noticed when closure is complete.

Regulatory Permits

Agency: Hillsborough County Environmental Protection Commission

Reference: EPC/DA-RMPF-080207

Activity: Operations Authorization

Status: In renewal application

Agency: Florida Department of Environmental Protection

Reference: ID: 43574

Activity: Waste Tires

Status: Current

Agency: Florida Water Management District

Reference: 44032821.000

Activity: Operations

Status: Current

Agency: Florida Department of Environmental Protection

Reference: FLR05H923-001

Activity: Industrial Stormwater (SWPPP)

Status: Current

Agency: Florida Department of Environmental Protection

Reference: WACS No.: 106062 (Administrative Order)

Activity: Solid Waste Management

Status: Current

Pictures of the Orient Road processing site for review/reference:



Ash/Residue Bunkers for each facility



Overview of Processing Facility



Ferrous Metal Pile



Ferrous Metal Pile



Ferrous Metal Pile



Tools and consumables storage trailer.



Office trailer



Inbound ferrous materials



Truck weigh scale



Mobile nonferrous processing unit

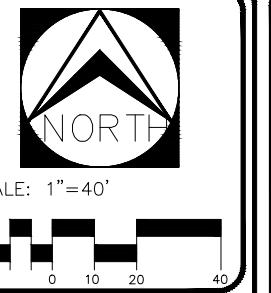
Appendix A

Operational Schematic

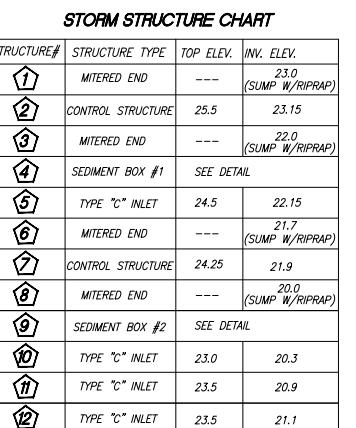
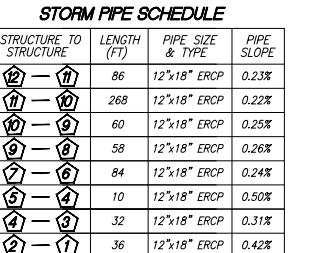
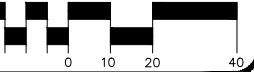


SECTION 14 TOWNSHIP 29 SOUTH RANGE 19 EAST

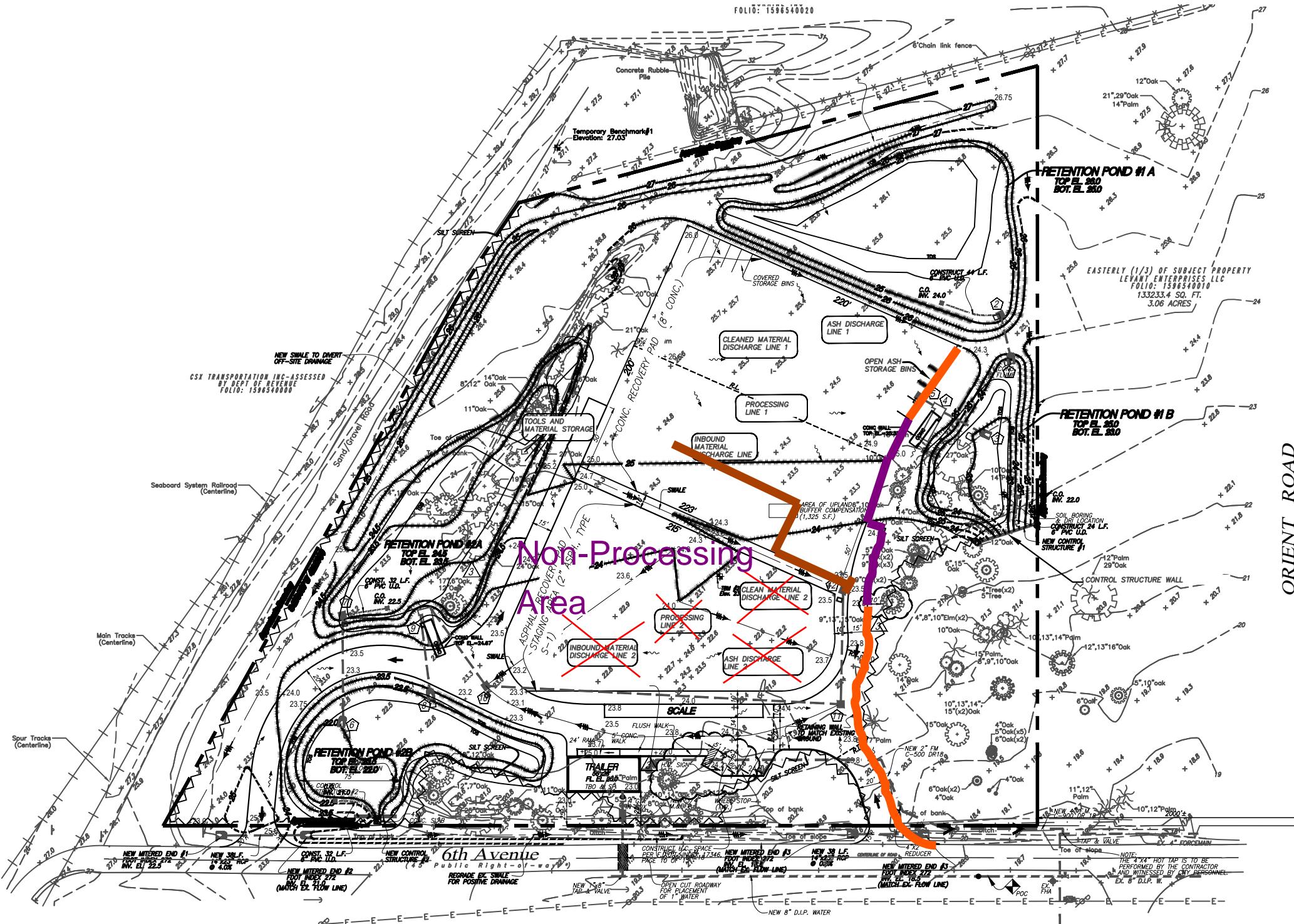
CITY OF TAMPA HILLSBOROUGH COUNTY FLORIDA



SCALE: 1"=40'



ORIENT ROAD



Hydrabarrier Day

- Jersey Barriers & Hay Bales
- Concrete Curbs

AMERICAN STEEL PROCESSING CO.
80 BURR ROAD
E. NORTHPORT NY, 11731

orthside
engineering s. I. ne.
C4.2

Type your question or keyword

Product Description

HydraBarrier - "The Sandbag Alternative" - HydraBarrier Standard 24ft long and 4" high



The easy-to-use, durable, and reusable HydraBarrier solution protects valuable assets from water damage. HydraBarrier is an effective alternative to sand bags when it comes to spill containment and similar water containment and prevention applications. These water barriers are durable, come in a variety of sizes, are reusable, and can be filled when needed and emptied once used. This makes storing them a simple task.

HydraBarrier Product Families :

- **HydraBarrier Standard** — Offers up to 4 inches of water protection, available in sizes of 6ft, 12ft, 24ft
- **HydraBarrier Ultra** — Offers up to 6 inches of water protection, available in sizes of 6ft, 12ft, 24ft
- **HydraBarrier Supreme** — Offers up to 12 inches of water protection, available in sizes of 6ft, 12ft, 24ft, 50ft, 100ft
- **HydraBarrier Titan** — Offers up to 20 inches of water protection, available in sizes of 20ft, 50ft

Included in this Package :

- HydraBarrier Standard 24 foot length - Single Unit

HydraBarrier's are the Easy to Use sandbag alternative that can be Re-used season after season



HydraBarrier Standard Family Provides up to 4 inches of protection and is Re-usable

- **Standard Height** – diverts up to 4 inches of water
- **Easy to Store** – lightweight tubes fold up and lay flat
- **Reusable** – simply refill with water
- **Durable** – made out of industrial strength materials
- **Available in 3 Lengths** – to optimize your protection
- **Extendable** – add a HydraBarrier Standard Link for even longer barriers

HydraBarrier's are the easiest and cleanest solution for Water Diversion problems

- Store for when needed, emptied HydraBarrier's fold up small and are lightweight
- When needed place in desired location and fill with a standard garden hose in minutes
- Leave in place for as long as needed
- When threat has diminished, simply empty the water from the HydraBarrier and store for next time

24 foot HydraBarrier's are perfect for Most Garages and for making longer barrier's



Choose the HydraBarrier that's right for your needs

- Available in Lengths of 6ft, 12ft, and 24ft
 - 6ft works well for standard doors and other small openings
 - 12ft works well for Single Car Garages and Sliding Doors
 - 24ft works best for large Garage Doors and creating long barrier's
- Available in Different Heights for additional protection
 - Standard -- 4" height works well for most people
 - Ultra -- 6" height adds additional peace of mind for those with more severe problems
 - Supreme -- 12" height, these are big and very heavy when filled but necessary for large water protection needs. These are also available in 50ft and 100ft lengths

Lightweight, Re-usable and simple to deploy -- Don't wait until it is too late



HydraBarrier's are easy to use. Simply place the empty HydraBarrier in position and fill with a standard garden hose. A Blue HydraFill adapter (sold separately) is recommended to make things easier but not required.

Available in different fill heights and lengths, choose the HydraBarrier that best suits your needs.

Be Prepared -- Water can come up very quickly, having HydraBarrier's on hand can save thousands in potential water damage.

Product information

Size:24 Foot Length

Technical Details

Part Number	HBS-24-Single
Item Weight	5.2 pounds
Product Dimensions	288 x 4 x 7 inches
Size	24 Foot Length
Color	Orange
Material	20 mil Industrial Strength Vinyl
Item Package Quantity	1
Batteries Included?	No
Batteries Required?	No

Additional Information

ASIN	B00CA7OXT0
Customer Reviews	107 customer reviews 3.6 out of 5 stars
Best Sellers Rank	#57,575 in Tools & Home Improvement (See Top 100 in Tools & Home Improvement) #76 in Home Emergency Kits & Supplies
Shipping Weight	5.2 pounds
Date First Available	April 9, 2013

Warranty & Support

Product Warranty: For warranty information about this product, please [click here](#)

Feedback

If you are a seller for this product, would you like to [suggest updates through seller support?](#)

Soil Metals Analysis Values of Contaminants

Material Origin American Steel Orient Road Recycling Center
Material Description Site Soil Samples
Material Date 8/12/2019



Advanced
Environmental Laboratories, Inc.

Advanced Environmental Laboratories, Inc.
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (813)630-9616
Fax: (813)630-4327

August 26, 2019

Robert Middleton
American Steel Processing
6902 E 6th Ave
Tampa, FL 33619

RE: Workorder: T1914072 American Steel Recycling Cntr

Dear Robert Middleton:

Enclosed are the analytical results for sample(s) received by the laboratory on Monday, August 12, 2019. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Heidi Parker".

Heidi Parker - Project Manager
HParker@AELLab.com

Enclosures

Report ID: 897091 - 1253496

Page 1 of 16

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SAMPLE SUMMARY

Workorder: T1914072 American Steel Recycling Cntr

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1914072001	SE 4"	Soil	8/12/2019 11:00	8/12/2019 14:00
T1914072002	SE 8"	Soil	8/12/2019 11:03	8/12/2019 14:00
T1914072003	NE 4"	Soil	8/12/2019 11:15	8/12/2019 14:00
T1914072004	NE 8"	Soil	8/12/2019 11:17	8/12/2019 14:00
T1914072005	SW 4"	Soil	8/12/2019 11:30	8/12/2019 14:00
T1914072006	SW 8"	Soil	8/12/2019 11:33	8/12/2019 14:00
T1914072007	NW 4"	Soil	8/12/2019 11:50	8/12/2019 14:00
T1914072008	NW 8"	Soil	8/12/2019 11:52	8/12/2019 14:00
T1914072009	North 4"	Soil	8/12/2019 12:13	8/12/2019 14:00
T1914072010	North 8"	Soil	8/12/2019 12:16	8/12/2019 14:00

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072001** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **SE 4"** Date Collected: 08/12/19 11:00

Results for sample T1914072001 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 17:57	T						
Barium	0.0047		mg/L	1	0.0030	0.0024	8/19/2019 17:57	T						
Cadmium	0.00024	U	mg/L	1	0.00090	0.00024	8/19/2019 17:57	T						
Chromium	0.0020	U	mg/L	1	0.0020	0.0020	8/19/2019 17:57	T						
Lead	0.011		mg/L	1	0.010	0.0078	8/19/2019 17:57	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 17:57	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 17:57	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:17	T						

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Fax: (813)630-4327

ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072002** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **SE 8"** Date Collected: 08/12/19 11:03

Results for sample T1914072002 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 18:01	T						
Barium	0.014		mg/L	1	0.0030	0.0024	8/19/2019 18:01	T						
Cadmium	0.00024	U	mg/L	1	0.00090	0.00024	8/19/2019 18:01	T						
Chromium	0.0020	U	mg/L	1	0.0020	0.0020	8/19/2019 18:01	T						
Lead	0.011		mg/L	1	0.010	0.0078	8/19/2019 18:01	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:01	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:01	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:20	T						

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072003** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **NE 4"** Date Collected: 08/12/19 11:15

Results for sample T1914072003 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 18:04	T						
Barium	0.021		mg/L	1	0.0030	0.0024	8/19/2019 18:04	T						
Cadmium	0.00036	I	mg/L	1	0.00090	0.00024	8/19/2019 18:04	T						
Chromium	0.0020	U	mg/L	1	0.0020	0.0020	8/19/2019 18:04	T						
Lead	0.0081	I	mg/L	1	0.010	0.0078	8/19/2019 18:04	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:04	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:04	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:23	T						

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072004** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **NE 8"** Date Collected: 08/12/19 11:17

Results for sample T1914072004 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 18:08	T						
Barium	0.022		mg/L	1	0.0030	0.0024	8/19/2019 18:08	T						
Cadmium	0.00052	I	mg/L	1	0.00090	0.00024	8/19/2019 18:08	T						
Chromium	0.0035		mg/L	1	0.0020	0.0020	8/19/2019 18:08	T						
Lead	0.017		mg/L	1	0.010	0.0078	8/19/2019 18:08	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:08	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:08	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:25	T						

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072005** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **SW 4"** Date Collected: 08/12/19 11:30

Results for sample T1914072005 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 18:12	T						
Barium	0.022		mg/L	1	0.0030	0.0024	8/19/2019 18:12	T						
Cadmium	0.0014		mg/L	1	0.00090	0.00024	8/19/2019 18:12	T						
Chromium	0.0035		mg/L	1	0.0020	0.0020	8/19/2019 18:12	T						
Lead	0.039		mg/L	1	0.010	0.0078	8/19/2019 18:12	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:12	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:12	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:28	T						

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072006** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **SW 8"** Date Collected: 08/12/19 11:33

Results for sample T1914072006 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 18:16	T						
Barium	0.012		mg/L	1	0.0030	0.0024	8/19/2019 18:16	T						
Cadmium	0.00026	I	mg/L	1	0.00090	0.00024	8/19/2019 18:16	T						
Chromium	0.0020	U	mg/L	1	0.0020	0.0020	8/19/2019 18:16	T						
Lead	0.050		mg/L	1	0.010	0.0078	8/19/2019 18:16	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:16	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:16	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:31	T						

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072007** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **NW 4"** Date Collected: 08/12/19 11:50

Results for sample T1914072007 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 18:19	T						
Barium	0.013		mg/L	1	0.0030	0.0024	8/19/2019 18:19	T						
Cadmium	0.00024	U	mg/L	1	0.00090	0.00024	8/19/2019 18:19	T						
Chromium	0.0020	U	mg/L	1	0.0020	0.0020	8/19/2019 18:19	T						
Lead	0.023		mg/L	1	0.010	0.0078	8/19/2019 18:19	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:19	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:19	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:33	T						

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072008** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **NW 8"** Date Collected: 08/12/19 11:52

Results for sample T1914072008 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 18:23	T						
Barium	0.079		mg/L	1	0.0030	0.0024	8/19/2019 18:23	T						
Cadmium	0.00024	U	mg/L	1	0.00090	0.00024	8/19/2019 18:23	T						
Chromium	0.0020		mg/L	1	0.0020	0.0020	8/19/2019 18:23	T						
Lead	0.036		mg/L	1	0.010	0.0078	8/19/2019 18:23	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:23	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:23	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:36	T						

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072009** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **North 4"** Date Collected: 08/12/19 12:13

Results for sample T1914072009 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0038	I	mg/L	1	0.010	0.0028	8/19/2019 18:45	T						
Barium	0.069		mg/L	1	0.0030	0.0024	8/19/2019 18:45	T						
Cadmium	0.0036		mg/L	1	0.00090	0.00024	8/19/2019 18:45	T						
Chromium	0.0029		mg/L	1	0.0020	0.0020	8/19/2019 18:45	T						
Lead	0.034		mg/L	1	0.010	0.0078	8/19/2019 18:45	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:45	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:45	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:39	T						

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ANALYTICAL RESULTS

Workorder: T1914072 American Steel Recycling Cntr

Lab ID: **T1914072010** Date Received: 08/12/19 14:00 Matrix: Soil
Sample ID: **North 8"** Date Collected: 08/12/19 12:16

Results for sample T1914072010 are reported on a wet weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted	Adjusted	Analyzed	Lab						
					PQL	MDL								
METALS, SPLP														
Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A														
Analysis,SPLP Analytical Method: SW-846 6010														
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/19/2019 18:48	T						
Barium	0.094		mg/L	1	0.0030	0.0024	8/19/2019 18:48	T						
Cadmium	0.0013		mg/L	1	0.00090	0.00024	8/19/2019 18:48	T						
Chromium	0.0020	U	mg/L	1	0.0020	0.0020	8/19/2019 18:48	T						
Lead	0.080		mg/L	1	0.010	0.0078	8/19/2019 18:48	T						
Selenium	0.0045	U	mg/L	1	0.030	0.0045	8/19/2019 18:48	T						
Silver	0.0012	U	mg/L	1	0.0050	0.0012	8/19/2019 18:48	T						
Analysis Desc: 1312/7470A Preparation Method: SW-846 7470A														
Analysis,SPLP Analytical Method: SW-846 7470A														
Mercury	0.000050	U	mg/L	1	0.00010	0.000050	8/22/2019 11:41	T						

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1914072 American Steel Recycling Cntr

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)

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QUALITY CONTROL DATA

Workorder: T1914072 American Steel Recycling Cntr

QC Batch: DGMt/3823 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3010A Prepared: 08/19/2019 10:00
Associated Lab Samples: T1914072001, T1914072002, T1914072003, T1914072004, T1914072005, T1914072006, T1914072007,

METHOD BLANK: 3193406

Parameter	Units	Blank Result	Reporting	
			Limit	Qualifiers
Silver	mg/L	0.0012	0.0012	U
Arsenic	mg/L	0.0028	0.0028	U
Barium	mg/L	0.0024	0.0024	U
Cadmium	mg/L	0.00024	0.00024	U
Chromium	mg/L	0.0020	0.0020	U
Lead	mg/L	0.0078	0.0078	U
Selenium	mg/L	0.0045	0.0045	U

QC Batch: DGMt/3855 Analysis Method: SW-846 7470A
QC Batch Method: SW-846 7470A Prepared: 08/22/2019 08:00
Associated Lab Samples: T1914072001, T1914072002, T1914072003, T1914072004, T1914072005, T1914072006, T1914072007,

METHOD BLANK: 3198577

Parameter	Units	Blank Result	Reporting	
			Limit	Qualifiers
Mercury	mg/L	0.000050	0.000050	U

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1914072 American Steel Recycling Cntr

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1914072001	SE 4"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072002	SE 8"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072003	NE 4"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072004	NE 8"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072005	SW 4"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072006	SW 8"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072007	NW 4"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072008	NW 8"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072009	North 4"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072010	North 8"	SW-846 3010A	DGMt/3823	SW-846 6010	ICPt/2635
T1914072001	SE 4"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072002	SE 8"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072003	NE 4"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072004	NE 8"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072005	SW 4"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072006	SW 8"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072007	NW 4"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072008	NW 8"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072009	North 4"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724
T1914072010	North 8"	SW-846 7470A	DGMt/3855	SW-846 7470A	CVAt/1724

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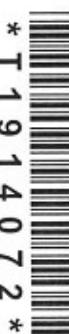
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 Miramar: 10210 USA Today Way, FL 33025 • 954.889.2288 • Fax: 954.889.2281 Lab ID: E82315
 Tampa: 9510 Princess Palm Ave., FL 33619 • 813.630.9616 • Fax: 813.630.4337 Lab ID: E84589

Client Name: American Steel

Address: 6902 E 6th Ave

Tampa, FL 33619

Phone: 516-384-7404

FAX: FDEP Facility Address:

Contact: Robert Middleton

Sampled By: A.E.L, Shannon Beaman

Turn Around Time: STANDARD RUSH

AEL Profile #: 62642

ADAPT EQUIP Other

ANALYSIS REQUIRED

SPLP RCRA 8

Preservation
Field-
Filters?

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	MATRIX TIME	NO. COUNT
	SE 4 inches	G	8/12/2019	11:00	SO 1
	SE 8 inches	G	8/12/2019	11:03	SO 1
	NE 4 inches	G	8/12/2019	11:15	SO 1
	NE 8 inches	G	8/12/2019	11:17	SO 1
	SW 4 inches	G	8/12/2019	11:30	SO 1
	SW 8 inches	G	8/12/2019	11:33	SO 1
	NW 4 inches	G	8/12/2019	11:50	SO 1
	NW 8 inches	G	8/12/2019	11:52	SO 1
	North 4 inches	G	8/12/2019	12:13	SO 1
	North 8 Inches	G	8/12/2019	12:16	SO 1

Matrix Code: WW = wastewater	SW = surface water	GW = ground water	DW = drinking water	O = oil	A = air	SO = soil	SL = sludge
Received on ice <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temp taken from sample <input type="checkbox"/>	Temp from blank <input type="checkbox"/>	Where required, pH checked <input type="checkbox"/>	Device used for measuring Temp by unique identifier (circle IR temp gun used)	Temp. when received (observed) <u>7.7</u> °C	Temp. when received (corrected) <u>7.9</u> °C
DCN: AD-051	Form last revised 02/12/2019					Temp. when received (observed) (When PWS information not otherwise supplied) <u>J: 9A G: LT-1 LT-2 T: 10A</u>	Temp. when received (corrected) <u>7.9</u> °C <u>A: 3A M: 3A S: 1V F: 1A</u>
Relabeled by: <u>RH</u>	Date: <u>8/14/19</u>	Time: <u>13:15</u>	Received by: <u>RH</u>	Date: <u>8/14/19</u>	Time: <u>14:00</u>	PWS ID: _____	Page _____ of _____

FOR DRINKING WATER USE:
 (When PWS information not otherwise supplied) PWS ID: _____

Contact Person: _____ Phone: _____

Supplier of Water: _____

Site-Address: _____

N
E 6th Ave

Copies furnished to:
[list of recipients by name]
Steve Morgan, DEP SWD
permitting

Steve.Morgan@FloridaDEP.gov

Financial Assurance Working
Group@deestate.fl.us [if
applicable]

Primary Permit Processor,

DEP SWD Permitting,

XXX@FloridaDEP.gov

Secondary Permit Processor,

DEP SWD Permitting,

XXX@FloridaDEP.gov

SWD_Waste@FloridaDEP.gov

6902 E 6th Ave

North
X

NE
X

NW
X

SE
X

SW
X

E 6th Ave

Google Earth

194 ft

© 2017 Google

1995

27°57'36.92"N 82°22'43.19"W elev 31 ft eye alt 981 ft

Routine Site Inspection
(perform monthly)

Date: 8-29-2019
By: JK

Area/Action	Yes or No	What Did You See?	Applicable BMPs Being Followed	What Did You Do About It?
Material delivery, processing and holding areas:				
Processing and handling in paved areas:	Y	Material processed in paved area	Material piles in designed areas	no action
Storm water contained on site by curbing & grading	Y	Paving damage Yes or No	Repair work planned as needed.	Confirmed reqd repairs with site manager
Storm water drains inspected and filters replaced	Y	Drain filters in place	Management of runoff	Filter requires replacement Yes or No
3rd Party Equipment Inspections:				
SURFACE STORM WATER SYSTEM				
3rd party vehicles inspected on entering site & drivers advised of deficiencies	Y	Trucks directed to dump areas	Spill prevention	observation
On-site equipment inspections:				
Inspect for fluid leaks, operational readiness, normal maint.				
- Loaders	X	Equip in working condition	Preventive maintenance	condition observed
- Screeners:	Y			
- Cranes	Y			
- Skidsters:	Y			
- Fuel tanks:	Y			
- Mobile units:	Y	↓	↓	↓
Inspect surface storm water system:				
Drains and filters:	Y	Visual Inspection	Management of runoff	drain filters in place
Structural water controls (curbing):	Y	↓		structural repairs scheduled
Sediment basins:	Y	↓		basins cleaning required
Asphalt & paving areas:	Y	↓		asphalt maint'd in work areas
- Other:		↓	↓	
Housekeeping:				
Equipment areas:	Y	Visual Inspection	Good housekeeping	Areas maintained clean
Site perimeters:	Y	↓		
Office and scale areas:	Y	↓		
Fuel areas:	Y			
Storage bldgs and maintenance areas:	Y	↓	↓	↓

Spill Leak Tracking Log