From:	Moore, Jackson W				
То:	McCormick, Debra J				
Subject:	FW: Reworld Solutions, LLC (SW ID#64-09) 5/31 RAI Response Review				
Date:	Tuesday, July 2, 2024 3:27:30 PM				
Attachments:	image001.png image002.png image003.png image005.png image006.png image007.png image008.png Portage PE 2019-09-13 Site Plan - Covanta Environmental Solutions.pdf image004.png				

Debra,

Please add this site plan to VFC.

Thanks,

Jackson Moore

From: Gau,Sue <SGau@reworldwaste.com>

Sent: Tuesday, July 2, 2024 10:36 AM

To: Moore, Jackson W <JWMoore@idem.IN.gov>

Cc: Barnes, Emma <EBarnes@idem.IN.gov>; McCormick, Debra J <DMccormi@idem.IN.gov>; RAMAN, SHYAMALA <SRAMAN@idem.IN.gov>; Peterson,Kimberly <kpeterson@reworldwaste.com>; Chauhan,Chetan <cchauhan@reworldwaste.com>; Coughlin,David <dcoughlin@reworldwaste.com>; Wulf,K.C <KWulf@reworldwaste.com>

Subject: RE: Reworld Solutions, LLC (SW ID#64-09) 5/31 RAI Response Review

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Jackson,

In response to your request for additional information attached is a site plan for the Reworld Portage facility, which provides a description of the property, certified by an engineer. Please let me know if this sufficient.

If you have any questions or require additional information please let me know.

Sue Gau Sr. Environmental Health and Safety Manager



Previously known as Covanta



<u>Property Address</u> 5625 Old Porter Road, Portage, Indiana 46368

Legal Description Part of the Northeast Quarter of the Northwest Quarter of Section 11, Township 36 North, Range 7 West of the Second Principal Meridian, in the City of Portage, in Porter County, Indiana, described as: Commencing at a point of the North line of said Section 11 and 1234.58 feet West of the Northeast corner of the Northwest Quarter of said Section 11; thence South 00 degrees 35 minutes 12 seconds East and parallel to the East line of the Northwest Quarter of said Section 11, a distance of 435.6 feet to the true point of beginning for said parcel; thence South 89 degrees 35 minutes 00 seconds East, 792.19 feet, more or less to a point 95 feet Northwesterly by rectangular measurement from the center line of the Old Chicago Trail; thence South 59 degrees 46 minutes West and parallel to the Old Chicago Trail, a distance of 785.19 feet, more or less to a point 75 feet Northerly by rectangular measurement from the Northerly right of way line of the Baltimore and Ohio Railroad; thence North 77 degrees 42 minutes 00 seconds West and parallel to the North line of said Railroad, 183.95 feet, more or less, to the West line of the Northeast Quarter of the Northwest Quarter of said Section 11; thence North 00 degrees 00 minutes 56 seconds West, along the West line of the Northeast Quarter of the Northwest Quarter of said Section 11, a distance of 362.42 feet, more or less, to an intersection with a line passing through the true point of beginning, having a bearing of South 89 degrees 35 minutes 00 seconds East; thence South 89 degrees 35 minutes 00 seconds East, 66.06 feet, to the point of beginning.

Flood Hazard Statement The accuracy of any flood hazard data shown on this report is subject to map scale uncertainty and to any other uncertainty in location or elevation on the referenced Flood Insurance Rate Map. All of the within described land appears to lie within special flood hazard

zone 'X' as said tract plots by scale on community-panel **# 18127C0210D** of the flood insurance rate maps for **CITY OF PORTAGE** (maps dated **September 30, 2015**).

Notes

1. Property is Zoned: BP - Business Park

2.	Area	Information (Includes	all proposed	and existing entities):
		Site Area:	204,335.93	sq.ft. (4.69) Acres
		Impervious Area:	168,577±	sq.ft. (82.5%±)
		Green Area:	35,759±	sq.ft. (17.5%)
		Building Area:	25,653±	sq.ft. (12.6%)
		-		

3. Prior to construction, the contractor shall verify proposed site grades by field checking two (2) benchmarks and a minimum of one (1) site feature as shown on these plans. The contractor shall immediately notify McMAHON of any vertical discrepancy.



I, the undersigned, an Indiana registered land surveyor, hereby certify that on the date shown, I supervised the inspection of the real estate described herein at the address indicated. This Building Site Plan was prepared for use by the designated parties only and for no one else. If a more accurate or detailed land survey is desired or if corner monuments are required, an Indiana land title survey should be ordered.

) ougher ,

Douglas F. Homeler, Registered Land Surveyor #20300033



Existing Lege	nd
Asphalt Pavement	
Benchmark	
Building	
Concrete	
Elevation — Finish Floor	F-F=
Elevation — Spot	* 10 ^{0.0}
Fence Line	— x —
Gravel	

	-					
		MCMAHON		ENGINEERO ARCHIECTO 952 South State Road 2	Valparaiso, Indiana 46385 Tai 1240 Aco 7743 Eav. 1240 A64 8248	ופו (בוש) 402- <i>ו</i> ו4ט רמא. (בוש) 404-024ט שכm@mcmgrp-in.com
	McMAHON provides this drawing and data recordings	of form; as instruments of service. All rights including	copyrights are retained by McMAHON. The client and/or	recipient agrees to the fullest extent permitted by law to	harmless for any reuse of or harmless made to the original	drawing or data without prior
AREA NOT INCLUDED	REVISION					
	o. DATE					
Processal Langand		Porter Road, Portage, Indiana		wnship 36 North, Kange / West	Propsed Site Plan	
Proposed Legend Building Concrete Washout Silt Fence (sediment fence) Temporary Construction Entrance/Exit		5625 Old F	 	Section 11, 10		
Topsoil (salvage and utilization) ~If stockpile is left for more than 15 days, it is to be temporary seeded	Ct	DESIGN DFH P 5003	IED + ROJI − 5. D 2 / 1	ECT - 19 ATE 3 / 2	DRAV JJE NO. 00 019	MN 3 206
	1	05	11	J Z'	513	

SHEET NO.





LOCATION

- LOCATE CONCRETE WASHOUT SYSTEMS AT LEAST 50 FEET FROM ANY CREEKS, WETLANDS, DITCHES, KARST FEATURES, OR STORM DRAINS/MANMADE CONVEYANCE SYSTEMS.
- LOCATE CONCRETE WASHOUT SYSTEMS IN RELATIVELY FLAT AREAS THAT HAVE ESTABLISHED VEGETATIVE COVER AND DO NOT RECEIVE RUNOFF FROM ADJACENT LAND AREAS. • LOCATE AWAY FROM OTHER CONSTRUCTION TRAFFIC IN AREAS THAT PROVIDE EASY ACCESS FOR CONCRETE TRUCKS

MATERIALS

- MINIMUM OF TEN MILLIMETER POLYETHYLENE SHEETING, FREE OF HOLES, TEARS, AND OTHER DEFECTS.
- ORANGE SAFETY FENCING OR EQUIVALENT. SANDBAGS
- METAL PINS OR STAPLES SIX INCHES IN LENGTH MINIMUM.

INSTALLATION

- A BASE SHALL BE CONSTRUCTED AND PREPARED THAT IS FREE OF ROCKS AND OTHER DEBRIS THAT MAY CAUSE TEARS OR PUNCTURES IN THE POLYETHYLENE LINING. • INSTALL THE POLYETHYLENE LINING. FOR EXCAVATED SYSTEMS, THE LINING SHOULD EXTEND OVER THE ENTIRE EXCAVATION. THE LINING FOR BERMED SYSTEMS SHOULD BE INSTALLED OVER THE POOLING AREA WITH ENOUGH MATERIAL TO EXTEND THE LINING OVER THE
- BERM OR CONTAINMENT SYSTEM. THE LINING SHOULD BE SECURED WITH PINS, STAPLES, OR OTHER FASTENERS. PLACE FLAGS, SAFETY FENCING, OR EQUIVALENT TO PROVIDE A BARRIER TO CONSTRUCTION EQUIPMENT AND OTHER TRAFFIC
- INSTALL SIGN THAT IDENTIFIES CONCRETE WASHOUT AREAS. • WHERE NECESSARY, PROVIDE STABLE INGRESS AND EGRESS OR ALTERNATIVE APPROACH PAD.

COMMON CONCERNS

- COMPLETE CONSTRUCTION/INSTALLATION OF THE SYSTEM AND HAVE WASHOUT LOCATIONS OPERATIONAL PRIOR TO CONCRETE DELIVERY. • IT IS RECOMMENDED THAT WASHOUT SYSTEMS BE RESTRICTED TO WASHING CONCRETE FROM MIXER AND PUMP TRUCKS AND NOT USED TO DISPOSE OF EXCESS CONCRETE OR RESIDUAL LOADS DUE TO POTENTIAL TO EXCEED THE DESIGN CAPACITY OF THE WASHOUT SYSTEM
- INSTALL SYSTEMS AT STRATEGIC LOCATIONS THAT ARE CONVENIENT AND IN CLOSE PROXIMITY TO WORK AREAS AND IN SUFFICIENT
- NUMBER TO ACCOMMODATE THE DEMAND FOR DISPOSAL • INSTALL SIGN IDENTIFYING THE LOCATION OF CONCRETE WASHOUT SYSTEMS.

MAINTENANCE

- INSPECT DAILY AND AFTER EACH STORM EVENT.
- INSPECT THE SYSTEM FOR LEAKS, SPILLS, AND TRACKING OF SOIL BY EQUIPMENT. • INSPECT THE POLYETHYLENE LINING FOR FAILURE, INCLUDING TEARS AND PUNCTURES.
- ONCE CONCRETE WASTES HARDEN. REMOVE AND DISPOSE OF THE MATERIAL.
- EXCESS CONCRETE SHOULD BE REMOVED WHEN THE WASHOUT SYSTEM REACHES 50 PERCENT OF THE DESIGN CAPACITY. USE OF THE SYSTEM SHOULD BE DISCONTINUED UNTIL APPROPRIATE MEASURES CAN BE INITIATED TO CLEAN THE STRUCTURE. • UPON REMOVAL OF THE SOLIDS, INSPECT THE STRUCTURE. REPAIR THE STRUCTURE AS NEEDED OR CONSTRUCT A NEW SYSTEM.
- DISPOSE OF ALL CONCRETE IN A LEGAL MANNER. REUSE THE MATERIAL ON SITE, RECYCLE, OR HAUL THE MATERIAL TO AN APPROVED CONSTRUCTION/DEMOLITION LANDFILL SITE. RECYCLING OF MATERIAL IS ENCOURAGED. THE WASTE MATERIAL CAN BE USED FOR MULTIPLE APPLICATIONS INCLUDING BUT NOT LIMITED TO ROADBEDS AND BUILDING. THE AVAILABILITY FOR RECYCLING SHOULD BE
- CHECKED LOCALLY. THE PLASTIC LINER SHOULD BE REPLACED AFTER EVERY CLEANING; THE REMOVAL OF MATERIAL WILL USUALLY DAMAGE THE LINING.
 THE CONCRETE WASHOUT SYSTEM SHOULD BE REPAIRED OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE.
- CONCRETE WASHOUT SYSTEMS ARE DESIGNED TO PROMOTE EVAPORATION. HOWEVER, IF THE LIQUIDS DO NOT EVAPORATE AND THE SYSTEM IS NEAR CAPACITY IT MAY BE NECESSARY TO VACUUM OR REMOVE THE LIQUIDS AND DISPOSE OF THEM IN AN ACCEPTABLE METHOD. DISPOSAL MAY BE ALLOWED AT THE LOCAL SANITARY SEWER AUTHORITY PROVIDED THEIR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMITS ALLOW FOR ACCEPTANCE OF THIS MATERIAL. ANOTHER OPTION WOULD BE TO UTILIZE A SECONDARY CONTAINMENT SYSTEM OR BASIN FOR FURTHER DEWATERING.
- INSPECT CONSTRUCTION ACTIVITIES ON A REGULAR BASIS TO ENSURE SUPPLIERS, CONTRACTORS, AND OTHERS ARE UTILIZING DESIGNATED WASHOUT AREAS. IF CONCRETE WASTE IS BEING DISPOSED OF IMPROPERLY, IDENTIFY THE VIOLATORS AND TAKE APPROPRIATE ACTION.
- WHEN CONCRETE WASHOUT SYSTEMS ARE NO LONGER REQUIRED, THE CONCRETE WASHOUT SYSTEMS SHALL BE CLOSED. DISPOSE OF ALL HARDENED CONCRETE AND OTHER MATERIALS USED TO CONSTRUCT THE SYSTEM.
- HOLES, DEPRESSIONS, AND OTHER LAND DISTURBANCES ASSOCIATED WITH THE SYSTEM SHOULD BE BACKFILLED, GRADED, AND STABILIZED.

Concrete Washout

NOT TO SCALE

Dougher & Honsey







MAINTENANCE 1. INSPECT WITHIN 24 HOURS OF A STORM EVENT OF 0.5" OF RAINFALL OR GREATER AND AT LEASE ONCE

3. SILT FENCES WILL BE PERIODICALLY INSPECTED AND AFTER EACH STORM EVENT TO ENSURE IT IS

Silt Fence (Silt Saver SS-700)

NOT TO SCALE

T 920-582-7596 C 920-379-8877 <u>Sgau@reworldwaste.com</u> reworldwaste.com

From: Gau,Sue <<u>SGau@reworldwaste.com</u>>

Sent: Monday, July 1, 2024 9:25 AM

To: Moore, Jackson W <<u>JWMoore@idem.IN.gov</u>>

Cc: Barnes, Emma <<u>EBarnes@idem.IN.gov</u>>; McCormick, Debra J <<u>DMccormi@idem.IN.gov</u>>; RAMAN, SHYAMALA <<u>SRAMAN@idem.IN.gov</u>>; Peterson,Kimberly <<u>kpeterson@reworldwaste.com</u>>; Chauhan,Chetan <<u>cchauhan@reworldwaste.com</u>>; Coughlin,David <<u>dcoughlin@reworldwaste.com</u>>; Wulf,K.C <<u>KWulf@reworldwaste.com</u>>

Subject: RE: Reworld Solutions, LLC (SW ID#64-09) 5/31 RAI Response Review

Jackson,

In response to your request for additional information, received on June 27, 2024, attached are the following documents:

- Updated permit renewal application, indicating Reworld Solutions, LLC as the applicant and facility name
- Updated closure and post-closure cost estimate to include a 10% contingency cost
- Signed certification statement

A legal description of the facility boundary certified by a professional land surveyor or Warranty Deed certified by the County verifying property ownership was also requested. This request will require assistance from the property owner. The information will be provided to IDEM as soon as it is received by Reworld Solutions, LLC.

If you have any questions or would like additional information please let me know.

Sue Gau Sr. Environmental Health and Safety Manager

Reworld

Previously known as Covanta

T 920-582-7596 C 920-379-8877 <u>Sgau@reworldwaste.com</u> reworldwaste.com Sent: Thursday, June 27, 2024 11:54 AM
To: Gau,Sue <<u>SGau@reworldwaste.com</u>>
Cc: Barnes, Emma <<u>EBarnes@idem.IN.gov</u>>; McCormick, Debra J <<u>DMccormi@idem.IN.gov</u>>;
RAMAN, SHYAMALA <<u>SRAMAN@idem.IN.gov</u>>
Subject: Reworld Solutions, LLC (SW ID#64-09) 5/31 RAI Response Review

*** Warning: External message - exercise caution.***

Ms. Gau,

OLQ Engineering has reviewed your response to the request for additional information received May 31, 2024 (VFC #<u>83655581</u>) regarding the Reworld Solutions, LLC, permit renewal. We need the following additional information. Please acknowledge and respond by Monday. If not received soon, we will include them as compliance schedule requirements. Please include the attached certification statement with your response.

- 1. The facility name was recently rebranded as Reworld Solutions, LLC per correspondence dated April 30, 2024 (VFC #<u>83650210</u>). Update the applicant and facility names on the permit renewal application form (VFC #<u>83536840</u>, pg. 6 of 102), as applicable.
- 2. The response to RAI on page 13 includes post-closure costs but does not include contingency cost. Include a minimum 10% contingency cost of the estimated closure and post-closure cost estimates.

3. Provide a legal description of the facility boundary certified by a professional land surveyor or Warranty Deed certified by the County verifying property ownership.

Thanks,



Jackson Moore Environmental Engineer | Engineering Section Permits Branch | Office of Land Quality Indiana Department of Environmental Management

(317) 233-0467 | <u>JWMoore@idem.IN.gov</u>

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