



City of Grand Island

Tuesday, February 14, 2017

Council Session

Item G-14

**#2017-29 - Approving Designation of Sole Source Provider for
Liquid Clay Spray at the Grand Island Landfill**

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Jeff Wattier, Solid Waste Superintendent

Meeting: February 14, 2017

Subject: Approving Designation of Sole Source Provider for Liquid Clay Spray at the Grand Island Landfill

Presenter(s): John Collins, PE – Public Works Director

Background

Formula 480 Liquid Clay was first approved by the NDEQ for use as an alternative daily cover (ADC) at the Grand Island Regional Landfill in 2004 and was subsequently included in our NDEQ Title 132 operating permit since that time (attachment “NDEQ Title 132 Operating Plan Section 3.7.3 and Table 1”). In order for us to be permitted to use this for ADC, a 180-day demonstration period was required by the NDEQ to demonstrate its effectiveness in controlling disease vectors, fires, odors, blowing litter, or scavenging as required by NDEQ Title 132 rules and regulations. Immediately following the NDEQ’s approval of this product for use as ADC, specific equipment was purchased for the application of this product at the end of each day, and this equipment is still utilized for applying the spray over the waste on a daily basis.

On February 24, 2004, via Resolution No. 2004-32, City Council approved the bid of Enviro-Group, Inc. of Green Wood, Indiana for an Alternative Daily Cover (ADC) sprayer unit and one semi-load of clay based product which is used as the alternative daily cover at the landfill. At that time Enviro-Group, Inc. was the only vendor that submitted a bid in conformance of the specifications, therefore being named the sole source vendor for such product.

Discussion

At this time staff is requesting the sole source renewal of Enviro-Group, Inc. of Green Wood, Indiana for Formula 480 Liquid Clay. Included with this council item is a sole source letter from Enviro-Group, Inc. stating their company is still the sole source provider for this proprietary product.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

Public Works Administration recommends that the Council pass a resolution designating Enviro-Group, Inc. of Green Wood, Indiana as the sole source provider for Formula 480 Liquid Clay.

Sample Motion

Move to approve the designation of Enviro-Group, Inc. of Green Wood, Indiana as the sole source provider for Formula 480 Liquid Clay.



290 Noble Street, Suite A • Greenwood, Indiana 46142 • 317 / 882-9360 • Fax 317 / 882-9388

January 26, 2017

City of Grand Island
Solid Waste Department
100 E. 1st Street
P.O. Box 1968
Grand Island, NE 68802-1968

Formula 480 Liquid Clay, an Alternate Daily Cover & Erosion Control Product is manufactured, distributed and marketed exclusively by Enviro Group, Inc., 290 Noble Street, Suite A, Greenwood, Indiana 46142. This product has been classified as Sole Source Item when being purchased by Solid Waste Management Departments. Formula 480 Liquid Clay is only offered for sale by Enviro Group, Inc.

All Invoices, orders and payments come through our Greenwood, IN office. Enviro Group's representative for the State of Nebraska is John Garver. Questions or information can be provided by contacting the home office @ 317-882-9360 or email envirogroupinc@sbcglobal.net.

Current 2017 Prices: Truckload Quantity

80 ea. 55-gallon drums of Formula 480 Liquid Clay	\$250.00 ea.	\$20,000.00
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Freight charges included with price

Total Truckload Price \$20,000.00

Delivery: 10-14 days from receipt of purchase order

Terms: Net 30 Days

Thank you for the opportunity to serve City of Grand Island

Sincerely,

John H. Garver
President

3.7.3 Alternative Daily Cover

Alternative Daily Cover (ADC) previously approved by NDEQ for use at the Landfill includes spray-on clay product, polypropylene tarps, petroleum-contaminated soil, automotive fluff, and municipal sludge. The Landfill may use other ADCs, such as foundry sand, woodchips/soil mixture, or compost, after a demonstration period and approval by NDEQ.

Although petroleum-contaminated soils may be used as ADC as approved by NDEQ, storm water run-off from these areas will be directed to the leachate collection system. The polypropylene tarp was approved by NDEQ on June 8, 1998, the spray-on clay product was approved by NDEQ on June 25, 2004, the municipal sludge was approved by NDEQ on April 23, 2007, and the automotive fluff was approved by the NDEQ on March 7, 2012. See Attachment 4 for Alternative Daily Cover Procedures.

The various ADCs and the requirements and restrictions for their use are described in Table 1.

3.7.4 Intermediate Cover

Any area where wastes will not be deposited for a period of 180 days or longer shall be covered with 12 inches of intermediate cover in addition to the 6 inches of daily cover. Intermediate cover soil on intermediate grades will be removed as much as possible and reused as daily cover material as waste is placed against these intermediate slopes.

Temporary vegetation shall be established as soon as possible over these areas.

3.7.5 Final Cover

Once Phase I is completed, the final cover system will be applied to all of Phase I within 6 months of Phase I closure, unless an extension is granted by NDEQ, in accordance with the Landfill's Closure/Post-Closure Plan (Permit – Appendix G).

3.7.6 Vegetation

Attachment 3 contains the Vegetation Management Plan, which discusses vegetation management for intermediate covers, final covers, roadsides, active cell, pasture areas, and noxious weed control.

Table 1
Alternative Daily Covers

ADC Description	Material Properties	Requirements and Restrictions
Previously Approved by NDEQ		
Spray-on clay product	✓ Formula 480 spray clay product	<ul style="list-style-type: none"> ✓ Application only on inside slopes of the landfill ✓ No deployment when immediate weather will interfere with clay set-up ✓ Resprayed if necessary due to erosion
Polypropylene tarps	<ul style="list-style-type: none"> ✓ Polypropylene fabric, woven, 8.5 ounce minimum ✓ Weight ballasted with perimeter chain ✓ UV protected ✓ Flame resistant 	<ul style="list-style-type: none"> ✓ Application only on inside slopes of the landfill ✓ No runoff to unlined areas ✓ Large tears and defects must be repaired
Petroleum-contaminated soils	✓ Non-hazardous soils containing gasoline, kerosene, aviation fuel, fuel oils, diesel fuels, lubricating oils, waste oils	<ul style="list-style-type: none"> ✓ Stockpiled only on lined areas of the landfill ✓ No runoff to unlined areas ✓ Application only on inside slopes of the landfill ✓ May not be recovered and reused
Municipal Sludge	✓ Non-hazardous municipal sludge. Sludge does not contain any free liquids and passed the paint filter test. Municipal sludge was demonstrated for use as an alternative daily cover through a 180-day demonstration period through NDEQ.	<ul style="list-style-type: none"> ✓ Stockpiled only on lined areas of the landfill ✓ No runoff to unlined areas ✓ Application only on inside slopes of the landfill ✓ May not be recovered and reused
Automotive Fluff	✓ Non-hazardous automotive fluff containing ground-up belts, hoses, seat cushions, dashes, and other non-ferrous items.	<ul style="list-style-type: none"> ✓ Stockpiled only on lined areas of the landfill ✓ No runoff to unlined areas ✓ Application only on inside slopes of the landfill ✓ May not be recovered and reused
Demonstration and NDEQ Approval Required Prior to Use		
Foundry sands	✓ Non-hazardous sands used in the molding and manufacture of metal castings	<ul style="list-style-type: none"> ✓ Stockpiled only on lined areas of the landfill ✓ No runoff to unlined areas ✓ Application only on inside slopes of the landfill ✓ Reasonable measures to control dust if present
Wood chips and soil mixture	✓ Mixture of soil and woodchips	<ul style="list-style-type: none"> ✓ Mixture must contain a minimum of 50% soil ✓ Cover soil stockpiled nearby for fire prevention
Compost	✓ Yard waste or biosolids compost	✓ Requirements to be identified

RESOLUTION 2017-29

WHEREAS, on February 24, 2004, via Resolution No. 2004-32, City Council approved the bid of Enviro-Group, Inc. of Green Wood, Indiana for an Alternative Daily Cover (ADC) sprayer unit and one semi-load of clay based product which is used as the alternative daily cover at the landfill; and

WHEREAS, at such time Enviro-Group, Inc. was the only vendor that submitted a bid in conformance of the specifications, therefore being named the sole source vendor for such product; and

WHEREAS, staff is requesting the sole source renewal of Enviro-Group, Inc. of Green Wood, Indiana for Formula 480 Liquid Clay, as this company is still the sole source provider for this proprietary product.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Enviro-Group, Inc. of Green Wood, Indiana is hereby designated as the sole source provider for Formula 480 Liquid Clay.

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Adopted by the City Council of the City of Grand Island, Nebraska, February 14, 2017.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
February 10, 2017	☐ City Attorney