

**AGENDA FOR SPECIAL COMMON COUNCIL MEETING
SUPERIOR, WISCONSIN
Thursday, July 23, 2015
3:00 p.m. - Government Center, Board Room 201**

PLEDGE OF ALLEGIANCE

ROLL CALL

A Special meeting of the Common Council was called to consider the following:

1. Public Works Director Janigo is recommending approval of a contract with LSC Environmental Services for an intermediate cover at the landfill, for a cost of \$85,816.13. *(approved at the July 15th Public Works Committee)*

If you would like to speak before the Council, please sign your name on the sign-up sheet prior to the Council meeting. Due to requirements of the Wisconsin Open Meetings laws, only matters placed on this agenda may be approved by the Council at this meeting, however, citizens may address the Council regarding items which require no action. No personal attacks on individuals will be allowed, and all comments by members of the public shall be limited to three (3) minutes in length.

Citizens should contact the Mayor, a Councilor, or the City Clerk to have a matter placed on a future Council agenda for consideration.

Pursuant to the Americans with Disabilities Act of 1990, if you are in need of an accommodation to participate in the public meeting process, please contact the City Clerk's Office at (715) 395-7200 prior to the scheduled meeting. The City will attempt to accommodate any request depending on the amount of notice received. TDD (715) 395-7521.

In compliance with Wisconsin Open Meetings Law, this agenda was:
Posted: Government Center, Court House, & Public Library,
Faxed to: Daily Telegram, Public Library, July 22, 2015



Public Works

1316 N. 14th Street, Superior, WI 54880
Phone: (715) 395-7506
Fax: (715) 395-7346
Website: www.ci.superior.wi.us

DATE: July 22, 2015
TO: City Council
FROM: Todd Janigo, Public Works Director 
RE: Request to contract with LSC Environmental Services for intermediate cover at landfill

It is requested that the Common Council authorize the City to enter into a contract with LSC Environmental Products (LSC) of Apalachin, NY to supply and apply Posi-Shell® for intermediate cover at the landfill for the amount of eighty six thousand eight hundred and sixteen dollars and thirteen cents (\$85,816.13).

1. Background:

Code NR 506.06 states that Wisconsin landfills are required to apply intermediate cover on landfill areas that will not receive waste for over six (6) months, and do not have final cover (i.e. are not capped). Currently there are approximately nine (9) acres at the Moccasin Mike Landfill that need intermediate cover.

Generally, intermediate cover consists of placing one (1) foot of soil over the trash. Placing one (1) foot of soil across nine (9) acres would cost approximately \$72,000 in material costs alone. In addition, a foot of soil would fill up “air space” – landfill space that could otherwise be used for waste that brings in revenue. Based on current rates and operations, the volume of space needed for one (1) foot of soil could otherwise fit 5,800 tons of waste charged at \$53/ton. This would result in nearly \$310,000 in lost revenue. Altogether, the material cost and lost revenue amount to approximately \$380,000 if using soil for intermediate cover.

As an alternative to soil, the Public Works Departments recommends using a spray-on cover material manufactured by LSC called Posi-Shell®. This material can be applied one quarter (1/4) of an inch thick. LSC has quoted \$85,816.13 to complete the project. Although material costs are slightly higher, it is a fraction of the cost when lost revenue is factored in.

Posi-shell® was used for intermediate cover at the landfill in the fall of 2014 with good results. The material was easy to apply and held up well under winter conditions. Based on our experience using the product, and DNR approval to use the product, we believe Posi-Shell® is currently the best option for intermediate cover at the landfill.

Posi-Shell® is manufactured and sold by LSC, and is currently the only spray-on material approved for use as intermediate cover in Wisconsin, therefore no other bids have been obtained for this project.

2. Conclusion:

The Public Works Department recommends contracting with LSC Environmental Products (LSC) of Apalachin, NY to apply Posi-Shell® as intermediate cover at the landfill for the amount of eighty five thousand eight hundred and sixteen dollars and thirteen cents (\$85,816.13).

Special City Council meeting: 07/23/15



Posi-Shell® Erosion Control
 City of Superior
 Superior, WI

PROJECT ESTIMATE (2015-07-02)

Posi-Shell - 2000 Gallons

Posi-Shell® BBM	2	sacks		
Portland Cement	2.00	tons		
Coverage Rate			sf/gal	4.0
Approx Coverage per Load				8,000
Coverage Area (9 acres)				392,040
Approx Number of 2000-Gallon Loads				50

Materials from LSC

Posi-Shell® BBM	100	sacks	\$ 314.50	\$ 31,450.00
			Shipping	\$ 3,308.35
Portland Cement	100	tons	\$ 169.50	\$ 16,950.00
			Portland estimated shipping	\$ 753.00
				<u>\$ 52,461.35</u>

Equipment Rental

PSA2000 Applicator Rental (approx. 10 days)			\$	1,670.00
Equipment Delivery and Return			\$	8,416.49
Include 150' of Hose				
HS50T Portland Silo w/ Scale (approx. 10 days)				FREE RENTAL
Equipment Delivery and Return			\$	7,317.30

LSC Labor, Travel, Incidentals

One technician to apply approx (7) 2000-gallon loads per day, 10 days including travel (additional time would incur additional costs)			\$	15,951.00
--	--	--	----	-----------

Total LSC Charges (excluding tax, applicable tax added to invoice)			\$	85,816.13
		Installed ft ²	\$	0.219

Customer Supplies

- Dozer and driver for towing applicator
- Equipment fuel
- Labor for assisting and learning application method for future touch-up
- Water for Posi-Shell loads and equipment cleanout
- Fork-Lift or Front End Loader--lift 15'
- Assistance setting up Silo

If tax exempt, please provide tax exempt certificate
Prices Good for 30 Days
Portland price is estimate only, actual charges based on actual tonnage delivered
 (800) 800-7671



POSI-SHELL® SOLE SOURCE CERTIFICATION

This is to certify that The United States Patent office has issued Patent Number 7,544,243 and Patent Number 8,029,616-B2 which covers the formulation of ingredients and methods unique to Posi-Shell Environmental Coatings. No other vendors may infringe these mixtures, including the use of pozzolanic mineral binders in landfill cover formulations, and therefore LSC Environmental Products, LLC and its assigned Distributors are the sole source suppliers of these methods and materials.

Copies of this patent as well as other documentation are available upon request.



800-800-7671

www.posishell.com