

**Business Item 2021-104:**  
**2021 Odor Control Media Procurement,**  
**Contract 20P306**

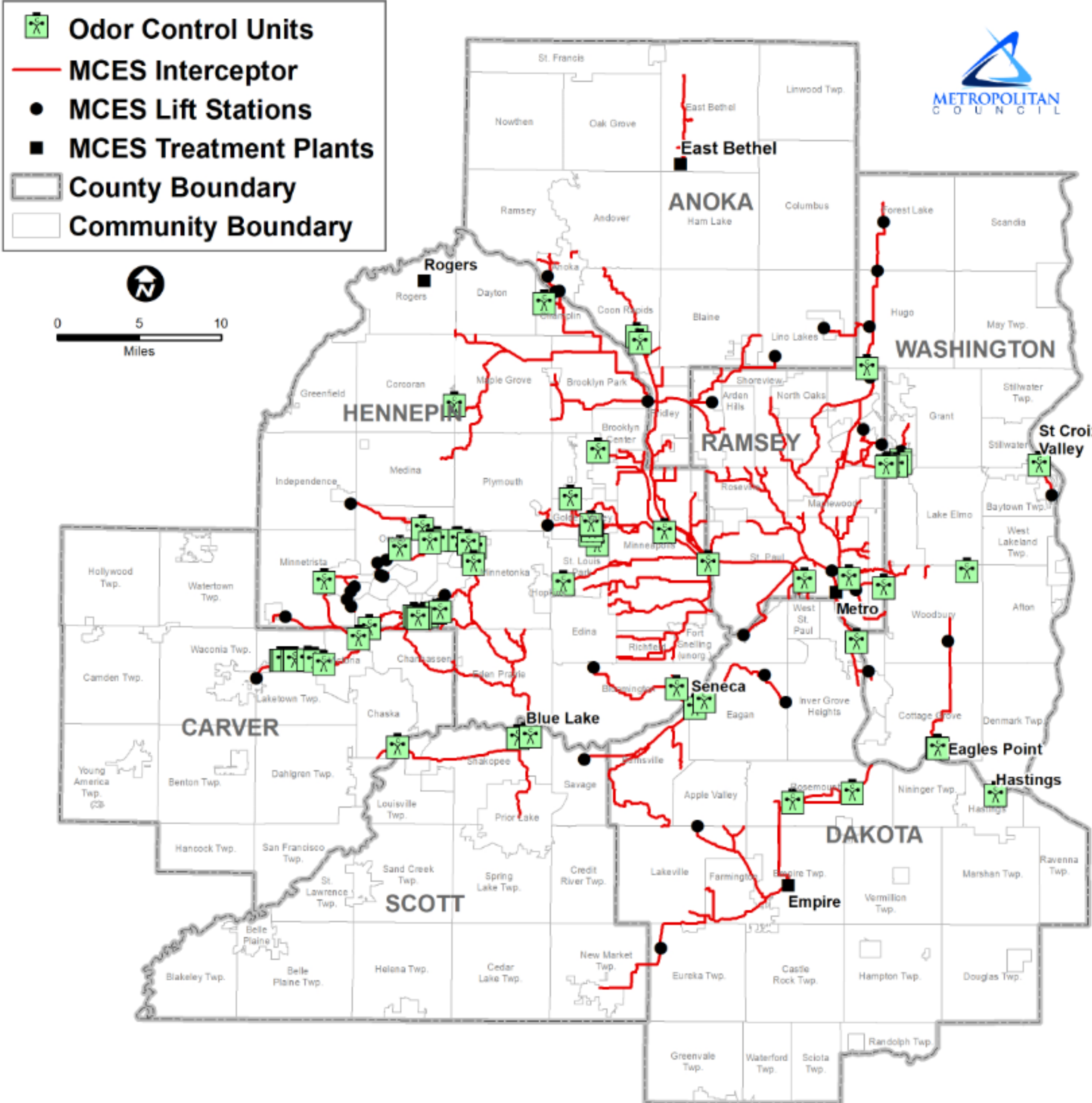
Bert Tracy, Business Unit Manager, Interceptor Services

Wayde Schroeder, Assistant Business Unit Manager, Interceptor Services

Environment Committee: April 27, 2021



# Odor Control Unit Locations



# Background

- MCES owns and operates 30+ odor control units throughout the region
- Odor control units help mitigate odors associated with the regional wastewater system
- Units require periodic replacement of various types of media
- Work is performed by MCES staff

# Media Types

Item No.	DESCRIPTION	SPECIFICATION				CARBON ACTIVATED CO		GENERAL CARBON		MNX, INC.		PURE AIR FILTRATION		TOTAL MECHANICAL, INC.		
		Media Type	H2S Adsorption Capacity	Minimum KMnO4 content	Unit Ref.	Unit Estimate	COST		COST		COST		COST		COST	
							Unit Cost(\$)/CF	Total Item Cost (\$)	Unit Cost(\$)/CF	Total Item Cost (\$)	Unit Cost(\$)/CF	Total Item Cost (\$)	Unit Cost(\$)/CF	Total Item Cost (\$)	Unit Cost(\$)/CF	Total Item Cost (\$)
1	4 mm Pelletized Non-Impregnated Carbon Derived from Hardwood or Coal	0.10 gH2S/cc	NA	CF	500	\$80.95	\$40,475.00	\$ 68.17	\$ 34,085.00	\$59.85	\$29,925.00	\$56.00	\$28,000.00	\$ 92.38	\$ 46,190.00	
2	4 mm Pelletized Non-Impregnated Carbon Derived from Hardwood or Coal	0.30 gSH2S/cc	NA	CF	5,000	\$82.95	\$414,750.00	\$ 79.57	\$ 397,850.00	\$72.94	\$364,700.00	\$85.00	\$425,000.00	\$ 92.38	\$ 461,900.00	
3	Pelletized Impregnated Carbon Derived from Coconut Shell	0.14 gH2S/cc	NA	CF	500	\$110.95	\$55,475.00	No Bid	No Bid	\$54.76	\$27,380.00	\$75.00	\$37,500.00	\$ 99.28	\$ 49,640.00	
4	Spherical KMnO4 Impregnated Media	NA	8	CF	500	\$142.00	\$71,000.00	\$ 71.92	\$ 35,960.00	\$59.85	\$29,925.00	\$80.00	\$40,000.00	No Bid	-	
5	Spherical KMnO4 Impregnated Media	NA	12	CF	2,000	\$158.00	\$316,000.00	\$ 74.67	\$ 149,340.00	\$82.65	\$165,300.00	\$89.00	\$178,000.00	No Bid	-	

\*Bid from General Carbon was deemed as a conditional bid as an exception was included on the bid form. An official rejection of non-responsive bid letter was issued to vendor on March 2, 2021.



# Bid Details

- Invitation for Bids – January 7, 2021
  - 16 plan holders
  - 3 prime bidders
  - 9 suppliers
  - 3 plan rooms
  - 3 plan holders – women, minority, veteran or disadvantaged business enterprises
- Pre-bid meeting held
- Public bid opening – February 9

# Bid Results

- Five bids received
  - Ranging \$557,730 to \$897,700
- Purafil, Inc c/o MNX Inc. was the lowest responsive and responsible bidder for media types 2 through 5
- Pure Air Filtration was the lowest responsive and responsible bidder for media type 1
- Office of Equal Opportunity did not set a Metropolitan Council Underutilized Business (MCUB) goal

# Proposed Action

That the Metropolitan Council authorize the Regional Administrator to award and execute contract 20P306 with Purafil, Inc c/o MNX, Inc and Pure Air Filtration for the purchase of odor control media items in an amount not to exceed \$3,000,000.

# Questions

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