



MATANUSKA-SUSITNA BOROUGH

Office of the Borough Manager

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MEMORANDUM

DATE: December 21, 2022
 TO: Mayor and Assembly
 FROM: Michael Brown, Borough Manager
 RE: Manager’s Weekly Post

Annual Leachate Hauling Expense Report: Leachate is a product of water that flows through the waste mass. As disposed waste at the Landfill grows, so does the amount of leachate. The larger volumes are generated during snow melt and the rainy season, approximately during 4-6 months of the year. Central Landfill leachate volume has increased from 1.4 million gallons in 2014 to 4.9 million gallons in 2022.

In November of 2021, Central Landfill started hauling its own leachate to Alaska Water and Wastewater Utility (AWWU). Between December 2021 and November 2022, of the 4.9 million gallons of leachate generated, Central Landfill hauled 3.4 million gallons of leachate as compared to 1.5 million gallons hauled by a contractor.

This past year, there were days requiring four trips a day for the MSB tanker and contractor support was used during surge periods where an additional 2-3 trips per day were required. This primarily occurred during two 30-day periods where output exceeded in-house capacity.

The long-term solution to hauling leachate to AWWU is recirculation and evaporation/filtration. A revision to the permit for recirculation is being staffed with DEC and a request for proposals is about to be issued for evaporation/filtration options. Overall, the cost to self-haul is significantly less and saved approximately \$350 per trip or \$217,000 in 2022 for hauling and disposal costs.

LANDFILL LEACHATE STATS	
December 1, 2021 to November 30, 2022	
Trips to AWWU	633
Gallons to AWWU	3,384,904
Total Miles Driven	47,728
Cost Per Trip	\$ 418.32
Savings Per Trip	\$ 341.96
Savings for 2022	\$216,461.66

CONTRACTOR LEACHATE STATS	
December 1, 2021 to November 30, 2022	
Trips to AWWU	255
Gallons to AWWU	1,580,041
Total Miles Driven	19,227
Cost Per Trip	\$ 760.28

Public Affairs Media Flyover:

Road Service

- Borough works to clear roads from recent snowfalls -Frontiersman

Renewable Energy

- Electric vehicle Infrastructure plans moving forward -KTNA
- New Pikka oil project will be “net zero” in carbon emissions -Frontiersman

Fisheries

- Updates from the Mat-Su Salmon Fishery Season Summary Meeting - Frontiersman

State of Alaska

- Dunleavy offers \$7.3 billion Alaska budget -Frontiersman
- Key Takeways from Gov. Dunleavy’s proposed 2024 budget – Alaska News Source

Health Care

- Mat-Su Regional nurse receives national award for nursing excellence -Frontiersman

Facebook posts on average reach about 4,500 people which is up from a couple years ago of approximately 2,500.

This past Friday, MSB posted three times regarding a wind warning, kids playing on snow berms, and snow load safety guidance. Those reached by each post over the weekend is below and demonstrates the effectiveness of social media for service announcements. Additionally, the MSB Facebook account gained nearly 1,000 followers in the last month bringing us to nearly 26,000 followers.

Gusty wind warning - 40,053 reached

<https://www.facebook.com/MatSuBorough/posts/pfbid027q4fkU8VBC5V8twchaBS3yqtib4aXFfzK8qjnh1dwJnrvrtAhQcrTyypLHr3KDenI>

Playing it Safe - Kids on snow berms - 56,146 reached

<https://www.facebook.com/MatSuBorough/posts/pfbid0262DrFuaqwbVJ8YwhGhuYXLuLxWv6TptEFKrZciGMwaZaCd38iwghs9zfj8YS2crQI>

Snow Load Safety Guidance - FEMA - 23,961 reached

<https://www.facebook.com/MatSuBorough/posts/pfbid02FJxPdfh5b7Mv7hFWq2kAPmFvkkSeGFgbRq5Sc7BEKzc6hkw4BTJqBPSWXFzcLdkI>