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To: FILE

From: Scott Rogers, Director of Maintenance and Operations Bureau *SAR*

Date: January 31, 2017

Subject: Salt and Sand Summary – Week No #12

Attached is the summary of salt and sand used for the period ending January 21, 2017 and the accumulated totals to date.

No materials were applied at the Rutland – Southern Vermont Regional Airport during this period.

If you need further explanation, please contact Ashley Barnhart at (802) 522-6220 or Ashley.Barnhart@vermont.gov

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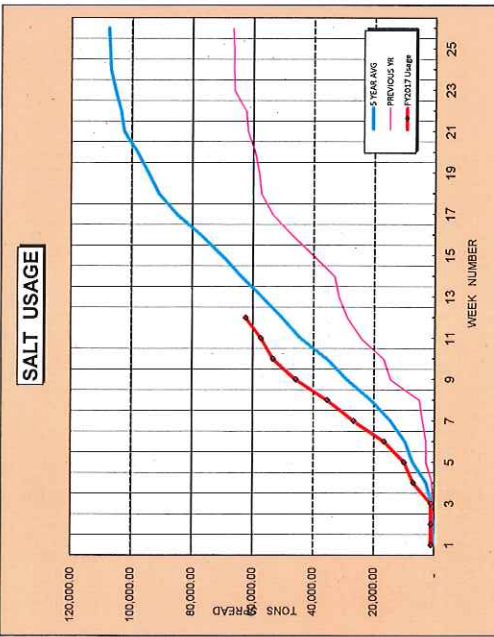
Attachment



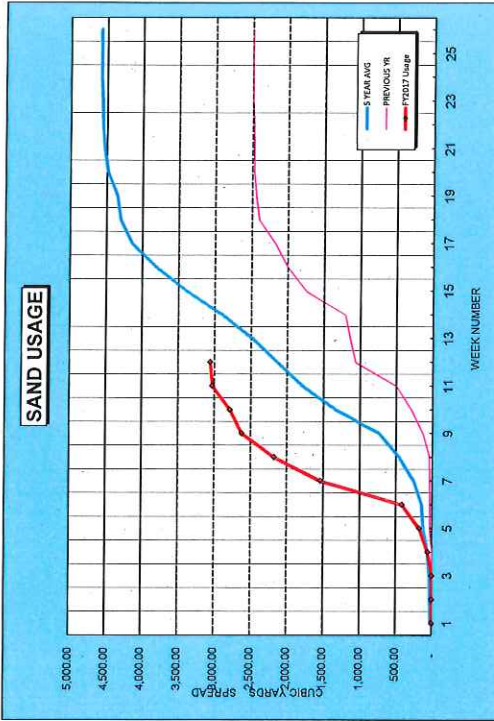
VERMONT AGENCY OF TRANSPORTATION
 MAINTENANCE AND OPERATIONS BUREAU
 FY 2017 SALT AND SAND REPORT #12
 1-15-2017 through 1-21-2017

	DISTRICT									TOTAL
	1	2	3	4	5	6	7	8	9	
WEEKLY TOTAL - SPREAD										
Salt (tons)	479.5	828.0	644.0	992.0	584.0	0.0	577.4	524.5	355.5	4,984.9
Sand (cy)	21.0	0.0	0.0	0.0	5.0	0.0	4.8	0.0	0.0	30.8
Liquid De-Icers (gal)	1,070.0	30.0	1,740.0	796.0	333.0	0.0	147.0	0.0	734.0	4,850.0
Brine (gal)	19,717.0	350.0	40,105.0	6,489.0	16,921.0	0.0	9,621.7	22,220.0	11,273.0	126,696.7
YEAR TO DATE TOTALS - SPREAD										
Salt (tons)	4,598.5	7,771.3	8,170.3	13,188.5	6,520.0	0.0	8,836.9	7,662.5	5,609.0	62,357.0
Sand (cy)	281.0	32.0	214.6	445.0	247.5	0.0	1,029.4	91.0	718.0	3,058.5
Liquid De-Icers (gal)	14,661.0	696.0	7,188.5	10,846.0	4,469.3	0.0	10,139.0	2,184.0	7,869.4	58,053.2
Brine (gal)	279,780.0	12,931.0	193,801.5	64,015.9	233,015.6	0.0	146,124.0	296,348.0	109,759.0	1,335,775.0
SALT APPLICATION - YEAR TO DATE										
Avg lbs. / Two Lane Miles	205.36	415.60	256.45	409.45	231.81	0.00	229.82	208.22	181.40	260.41
Total Tons / One Lane Miles	8.28	11.88	12.41	11.78	6.83	0.00	9.26	8.34	8.07	9.58

BARNHART, ASHLEY:
 A correction was done for Shed
 5082, Williamstown for Week 7



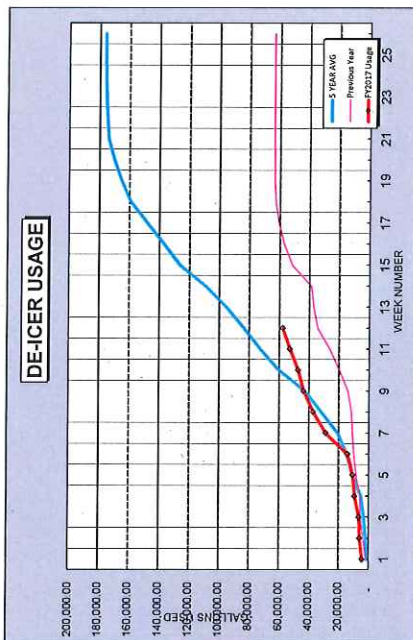
SALT USAGE WEEK NUMBER	5 YEAR AVG	PREVIOUS YR	FY2017 Usage
1	279.32	336.90	1,098.60
2	413.90	469.60	1,114.10
3	863.02	486.40	1,114.10
4	2,683.30	689.30	6,846.20
5	7,117.33	2,712.04	9,914.50
6	9,623.87	2,787.23	16,631.00
7	14,639.16	3,873.90	26,755.30
8	21,029.28	4,983.42	35,424.60
9	29,137.34	14,571.29	45,784.40
10	35,536.40	16,912.30	53,337.60
11	44,209.13	24,459.13	57,350.10
12	50,275.35	28,995.76	62,357.00
13	56,949.36	31,745.83	
14	63,868.75	33,167.24	
15	70,285.77	40,092.97	
16	77,145.49	47,083.23	
17	85,102.88	53,466.52	
18	91,058.48	57,338.80	
19	94,515.64	58,110.27	
20	98,029.82	59,437.79	
21	102,463.02	61,840.88	
22	105,537.31	62,380.43	
23	105,393.05	66,301.04	
24	106,993.74	66,526.08	
25	107,340.00	66,526.08	
26	107,706.13	66,821.03	



SAND USAGE WEEK NUMBER	5 YEAR AVG	PREVIOUS YR	FY2017 Usage
1	15.22	-	0.50
2	25.52	-	0.50
3	31.32	-	0.50
4	59.42	-	57.70
5	121.26	31.00	173.20
6	143.36	31.00	416.50
7	252.36	35.00	1,536.80
8	456.96	38.70	2,174.20
9	733.98	128.90	2,621.60
10	1,330.42	287.90	2,787.30
11	1,784.15	495.45	3,027.70
12	2,130.23	1,066.95	3,068.50
13	2,482.92	1,144.41	
14	2,897.90	1,211.41	
15	3,380.28	1,744.11	
16	3,802.52	1,994.81	
17	4,141.80	2,171.91	
18	4,304.07	2,400.45	
19	4,352.89	2,445.25	
20	4,486.23	2,473.15	
21	4,530.77	2,477.15	
22	4,559.07	2,475.15	
23	4,565.47	2,486.35	
24	4,578.73	2,486.35	
25	4,578.73	2,486.35	
26	4,581.73	2,486.35	



WEEK NUMBER	5 YEAR AVG	PREVIOUS YR	FY2017 Usage
1	1,369.60		3,654.30
2	2,520.40	400.00	3,969.30
3	10,834.10	400.00	3,969.30
4	40,828.80	3,515.00	121,165.80
5	132,459.80	23,826.49	162,953.60
6	186,684.40	26,636.49	315,813.20
7	287,589.62	64,712.29	565,824.40
8	413,826.82	93,306.50	732,689.60
9	556,980.89	300,079.25	973,453.10
10	666,938.55	360,658.35	1,119,101.90
11	811,121.39	551,087.85	1,209,078.30
12	933,420.05	674,660.65	1,335,775.00
13	1,033,048.72	766,696.50	
14	1,157,107.60	800,687.00	
15	1,322,700.12	1,008,611.30	
16	1,463,009.90	1,135,194.80	
17	1,615,240.90	1,295,223.80	
18	1,737,487.60	1,377,159.90	
19	1,826,215.50	1,400,911.20	
20	1,906,581.41	1,434,162.40	
21	1,892,652.79	1,499,579.70	
22	2,009,687.69	1,517,935.70	
23	2,039,453.39	1,576,716.70	
24	2,052,309.09	1,578,700.70	
25	2,057,274.09	1,578,700.70	
26	2,057,885.89	1,579,627.70	



WEEK NUMBER	5 YEAR AVG	PREVIOUS YR	FY2017 Usage
1	1,521.80	1,924.00	4,371.00
2	2,060.60	3,739.00	5,989.00
3	3,267.82	5,409.00	6,493.00
4	5,115.22	6,084.00	9,407.00
5	10,903.80	8,581.50	10,726.00
6	14,638.04	10,146.50	14,207.40
7	20,765.78	11,047.50	28,745.70
8	31,726.56	11,886.50	37,260.70
9	42,644.44	14,077.50	43,668.70
10	60,109.64	19,846.50	47,639.70
11	72,531.56	26,214.50	53,203.20
12	83,501.74	34,587.50	58,063.20
13	95,323.47	37,235.25	
14	109,166.27	38,924.75	
15	126,403.80	51,942.50	
16	137,025.92	57,482.00	
17	148,088.14	60,906.00	
18	158,985.48	62,870.00	
19	165,152.38	63,730.00	
20	170,222.22	63,730.00	
21	173,958.86	63,910.00	
22	174,852.48	63,912.00	
23	176,634.22	63,912.00	
24	176,944.92	63,912.00	
25	176,078.52	63,912.00	
26	176,084.52	63,912.00	