

## 2016 MS4 Summary

### 2016 DOT&PF Central Region M&O Expenditure Summary:

Sweeping- \$1,583,446.69

Storm Drain Inspections and Cleaning- \$456,957.00

Sand/Salt- \$168,767.31/\$57,267.25

### **MS4 Permit Administration and Compliance**

**Payment to the Municipality of Anchorage for Permit Implementation- \$340,000**

**DOT&PF M&O Permit Administration Costs (until July 2016) - \$37,577**

### 3.1.5. Construction Site Runoff Control Program – Enforcement Response Policy

DOT&PF Central Region Maintenance and Operations does not have an Enforcement Response Policy for the work performed by its own staff.

### 3.3.1.4 Inventory of industrial and commercial facilities

Please see attached facilities sheet.

### 3.4.4.2 Inventory of street maintenance materials

Please see attached sand/salt sheet.

### 3.4.5 Annual street sweeping report

Please see attached annual report.

### 3.4.7 Annual inspections of permittee owned facilities

Please see attached annual inspections.

### 3.6.2 Targeted Education and Training

- 3/1/16 MS4 Annual Meeting – Presented by MOA
- 4/13/16 MS4 Virtual Expo
- 11/3/16 Maintenance Stormwater Field Guide Training

See attached attendee list

### SWPPP Documents

- **Facility SWPPPs:** Birchwood, Girdwood and Anchorage have active SWPPPs.
- **Snow Storage Sites:** Both DOT&PF snow storage sites have active SWPPPs.

<b>FY2015</b>	<b>TONS</b>	<b>SAND</b>		<b>TONS</b>	<b>SALT</b>	
<b>CAMP</b>	<b>QUANTITY</b>	<b>\$/PER</b>	<b>winter sand</b>	<b>QUANTITY</b>	<b>\$/PER</b>	<b>bulk salt</b>
Anchorage	9982	\$13.00	\$129,766.00	1700	145	\$246,500.00
Birchwood	4990	\$10.00	\$49,900.00	0	0	\$0.00
Girdwood	10000	\$22.00	\$220,000.00	300	145	\$43,500.00
<b>TOTALS</b>	<b>24972</b>		<b>\$399,666.00</b>	<b>2000</b>		<b>\$290,000.00</b>

<b>FY2016</b>	<b>TONS</b>	<b>SAND</b>		<b>TONS</b>	<b>SALT</b>	
<b>CAMP</b>	<b>QUANTITY</b>	<b>\$/PER</b>	<b>winter sand</b>	<b>QUANTITY</b>	<b>\$/PER</b>	<b>bulk salt</b>
Anchorage	10000	\$13.50	\$135,000.00	500	144.25	\$72,125.00
Birchwood	3000	\$10.00	\$30,000.00	0	144.25	\$0.00
Girdwood	10020	\$19.47	\$195,089.40	150	144.25	\$21,637.50
<b>TOTALS</b>	<b>23020</b>		<b>\$360,089.40</b>	<b>650</b>		<b>\$93,762.50</b>

<b>FY2017</b>	<b>TONS</b>	<b>SAND</b>		<b>TONS</b>	<b>SALT</b>	
<b>CAMP</b>	<b>QUANTITY</b>	<b>\$/PER</b>	<b>winter sand</b>	<b>QUANTITY</b>	<b>\$/PER</b>	<b>bulk salt</b>
Anchorage	5002.98	\$13.77	\$68,891.03	950	\$144.25	\$137,037.50
Birchwood	2000.48	\$10.20	\$20,404.90	0	\$0.00	\$0.00
Girdwood	4001.58	\$19.86	\$79,471.38	150	\$144.25	\$21,637.50
<b>TOTALS</b>	<b>0</b>		<b>\$168,767.31</b>	<b>1100</b>		<b>\$158,675.00</b>

Camp	Sand Used Winter 2015/2016 (Tons)	Salt Used Winter 2015/2016 (Tons)	Sand on Hand After 2015/2016 Winter Season (Tons)	Salt on Hand After 2015/2016 Winter Season (Tons)	Sand Ordered For 2016 / 2017 Winter Season (Tons)	Salt Ordered For 2016 / 2017 Winter Season (Tons)
Anchorage	4723	350	15000	990	5502	950
Birchwood	2000	0	6000	0	2000	0
Girdwood	3870	134	7000	16	4001	150

## **MS4 Training Attendee List**

### **3/1/16: 2016 APDES Watershed Update Annual Meeting:** Presented by MOA

- Tom Grman – Anchorage District Maintenance Superintendent
- Jennifer Micolichек – M&O Environmental Analyst
- Renee Goentzel – M&O Environmental Analyst
- John Kim – M&O Contracts Engineer
- Vernon Vreeland – Engineering Assistant II

### **4/13/16: Stormwater Virtual Expo - Webinars**

1. **Inspections & Maintenance of BMPs: Old Problems, New Solutions**
  - Jennifer Micolichек – M&O Environmental Analyst
  - Renee Goentzel – M&O Environmental Analyst
  - John Kim – M&O Contracts Engineer
2. **MS4 Permit Conditions To Meet TMDL Waste Load Allocations**
  - Jennifer Micolichек – M&O Environmental Analyst
  - Renee Goentzel – M&O Environmental Analyst
  - John Kim – M&O Contracts Engineer
3. **Managing Storm Water on Construction & Industrial Sites**
  - Jennifer Micolichек – M&O Environmental Analyst
  - Renee Goentzel – M&O Environmental Analyst
  - John Kim – M&O Contracts Engineer

### **9/21/16: Designing Stormwater Detention & Infiltration System using CMP – The What, Why, and How:** Webinar

- Jennifer Micolichек – M&O Environmental Analyst
- Renee Goentzel – M&O Environmental Analyst

### **10/26/16: Contech BMP Presentation:** Presented by Contech

- Jennifer Micolichек – M&O Environmental Analyst
- Renee Goentzel – M&O Environmental Analyst
- John Kim – M&O Contracts Engineer

### **11/3/16: TC3 Maintenance Stormwater Field Guide Training:** Presented by AASHTO

- Jennifer Micolichек – M&O Environmental Analyst
- Renee Goentzel – M&O Environmental Analyst

### **11/7/16: TC3 Maintenance Stormwater Field Guide Training:** Presented by AASHTO

- John Kim – M&O Contracts Engineer

**11/9/16: Stormwater Virtual Expo - Webinars**

1. **Looking Through the Storm: Utilizing Information from Implementation and Monitoring to Guide Stormwater Management Efforts**
  - Jennifer Micolichек – M&O Environmental Analyst
  - Renee Goentzel – M&O Environmental Analyst
  - John Kim – M&O Contracts Engineer
2. **Defining your Municipal Separate Storm Sewer System: Managing Risk Under the MS4 Permit**
  - Jennifer Micolichек – M&O Environmental Analyst
  - Renee Goentzel – M&O Environmental Analyst
  - John Kim – M&O Contracts Engineer

**M&O BMP Training for Maintenance Districts** - Presented by Jennifer Micolichек

**M&O SWPPP-SPCC Regulations and Procedures Training for Maintenance Districts** - Presented by Jennifer Micolichек