

2024 MS4 Summary For ARDSA

Costs Incurred:

					Force Account		GBA Costs	Total
				Contracted	Labor	Equipment / Mt'I Costs		
Sweeping	Spring	3/15/2024	6/1/2024	\$67,861	\$642,728	\$229,442		\$940,031
	Summer	6/15/2024	8/1/2024		\$89,001	\$39,474		\$128,475
	Fall	9/1/2024	10/15/2024	\$173,600	\$122,906	\$46,337		\$342,843
Sweepings Hauling Disposal				\$47,776	\$10,000	\$3,874		\$61,650
AWWU water costs							\$58,385	\$58,385
Total Street Sweeping				\$289,237	\$864,635	\$319,127	\$58,385	\$1,531,384
Storm Drainage/ Control Structure System Maintenance				\$172,989	\$26,316	\$3,641		\$202,946
OGS Maintenance					\$150,518	\$36,081		\$186,599
Winter Sand used				8000 Ton			130,440	\$130,440
Sand On hand				15000 Ton				
Salt used				101 ton			26,000	\$26,000
Salt on hand				150 Ton				
Sand Storage Facility (Utility Costs)							\$8,008	\$8,008
Magnesium Chlc used				5000				\$0
On hand				30000				
Lucity - Asset Management Labor costs for Mapping							\$28,648	\$28,648
Storm Water Pollution Prevention Plans & Inspections (Maintenance Projects)							\$20,977	\$20,977
Facility SWPPP and Inspections							\$40,800	\$40,800
Total				\$462,226	\$1,041,469	\$358,849	\$313,258	\$2,175,801

Materials Quantity

Sweeping Quantities

CuYds

Spring Residential	2665
Spring Arterial/Collector	2314
Summer Arterial/Collector	60
Fall Residential	1250
Fall Arterial/Collector	400

Catch Basin Quantity	700
OGS Quantity	200

Part 2.0: Storm Water Management Program (SWMP) Requirements

Pg. 10, 2.2. General Requirements, 2.2.1 - 2.2.4.

It is the opinion of the Maintenance and Operations Department, Street Maintenance Division, (SM) that Anchorage (ARDSA) has met the requirements of this section.
Working in concert with WMS and other co-permittee(s) to meet these requirements.

Part 3.0: Minimum Control Measures

Pg. 14, 3.0: Minimum Control Measures, 3.1: Construction Site Runoff Control Program

ARDSA, SM activities have met the requirements of this section for all Street Maintenance projects within the service area (ARDSA). All construction SWPPP's are current, or closed, at the time of this report.

Pg. 19, 3.2: Storm Water Management Areas of New Development and Redevelopment

ARDSA, SM continues to support WMS in the implementation of this section and the subsections.

Pg. 23, 3.2.5: Operation and Maintenance (O & M) of Permanent Storm Water Management Controls, 3.2.5.1: Inventory and Tracking

ARDSA, SM continues to develop and maintain a computer maintenance management system (CMMS). This system includes geographical Information system (GIS) information that will be directly related to the maintenance of these assets. The database is continually updated as new assets are acquired.

Pg. 23, 3.2.6: Inspection and Enforcement of Permanent Storm Water Management

ARDSA SM continues to work closely with Private Development, Planning and (WMS) to attain the requirements of this Section.

Pg. 24, 3.2.7: Education and Training on Permanent Storm Water Controls

Training is viewed as an ongoing effort within our organization. ARDSA SM will continue to train staff on SOP's and Best Management Practices within the organization.

Pg. 24, 3.3: Industrial and Commercial Storm Water Discharge Management

ARDSA SM continues to work directly with the administrator (WMS) of the current permit to meet the requirements of this Section.

**Pg. 26, 3.4: Storm Water Infrastructure and Street Management,
3.4.1: Storm Sewer System Inventory and Mapping**

SM, in coordination with WMS, continues to meet the requirements of this Section, and will update the CMMS on a timely, as needed, basis when new assets are introduced.

Pg. 26, 3.4.2: Catch Basin and Inlet Cleaning

ARDSA SM successfully completed these permit requirements. All 272 OGS units were inspected and cleaned. Based on Fill rate data from previous years 950 CB and CBMH were cleaned on an annual and bi annual basis. 1340 CB and CBMH were cleaned on a 4 year cycle. ARDSA SM and the contractor cleaned 2290 CB & CBMH, out of the total inventory of 9983 units. Maintenance schedules may be adjusted further after analysis of data collected.

Pg. 27, 3.4.5: Street and Road Sweeping

In coordination with WMS, SM has met these requirements, by developing a qualitative and quantitative, "visually clean standard" as outlined in the Sweeping Management Plan.

Pg. 29, 3.4.7: Develop and Implement Storm Water Pollution Prevention Plans

SM is currently contracted with Professional and Technical Services, Inc. (PTS) to write, inspect, and maintain the SWPPP's for all SM operated facilities and maintenance projects. SM maintains the BMP's at all facilities.

Pg. 29, 3.4.8: Training

Training has been conducted for Sweeping Practices/Protocol, project BMP's, SOP's and Spill Prevention/Response. This training will continue to meet the permits intent. SM currently has 14 trained/certified Alaska Certified Erosion & Sediment Control Leads (AK-CESCL) on staff. 48 other SM employees have also received formal AK-CESCL (non-certified) "awareness" training. Street Maintenance has coordinated with our SWPPP contractor, Professional Technical Services (PTS), to train all staff on construction specific and facility SWPPP requirements. SM will continue this effort in the years to follow.

Pg. 32, 3.5.6: Prevent and respond to Spills to the MS4

SM had no spills to the MS4. SM continues to train employees on spill prevention and response. had no spills to the MS4. .