



**Quarterly Meeting for Anchorage MS4 Permit No. AKS05255-8**  
**Municipality of Anchorage and State of Alaska Department of Transportation and Public Facilities**

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**MEETING SUMMARY**

Wednesday, Mar 26, 2014 – 1:00 p.m. to 2:30 p.m.  
Municipal Permit Center, Conference Room 170

**Attendees:**

Tom Grman      William Ashton      Dan Southard      Kristi Bischofberger  
Josh Zellmer      Eric Desentis      Jeff Urbanus

**March 2014 Meeting Agenda Approved**

**January 2014 Meeting Summary Approved** - by email prior to annual report submittal

**Unfinished Business**

Annual Report - the report went in on time and with good review participation from ADOT. At this point it appears to be complete with no identified areas of concern. ADEC is starting to look over appendices, having finish summary, but questioned why there were fewer data in Table 5.2 for ARDSA sweeping. M&O answered that ARDSA doesn't have street types in some categories, ex.: MOA doesn't have open channel drainage in any of its arterial streets. We will put a note explaining that case on future annual report submittals.

Annual Meeting – the meeting was held on February 25<sup>th</sup> at the BP Center – a last minute tweak to the program created a multi-room/session format. The reason for this was the higher than expected confirmed invites. – we could no longer fit into a single room. Feedback on the meeting was good, people seemed to like having options, being able to view the posters at leisure, and participate in the social professional discussion opportunities.

**New Business**

5<sup>th</sup> year permit activities and relevance of recent EPA decisions – beyond the addition of the Permanent BMP recording/inspection program the final year of the permit is largely continuing programs under way, self-assessing and developing an implementation plan for the 0.52 inch retention requirement, based on the permit modification. We are working on an implementation plan for half inch retention/green infrastructure, but recent federal rulings may impact the direction this plan takes. The EPA is deferring the development of a Stormwater Rule, including retention guidelines, for new and re-development as it doesn't have enough data to proceed. It will instead

encourage communities to implement strong stormwater programs, strengthen municipal permits, and continue to promote green infrastructure. The permittees do not know what this decision means for the next permit and the work we are currently doing leading toward it, i.e., the implementation plan and the proposal of the next permit. ADEC concurs there is no guidance for what ADEC should put in next permit and indicates its too early to know what, if any, redirection we will see as a result of this decision. Given the uncertainty, MOA is going to take small steps with a focus on more pilot project data collection and postpone requiring most projects to implement uncertain practices. ADEC thinks that is alright and points out, overall, the next permit proposal should look at the findings in the current permit reports to guide what changes programs should include. For example, the OGS and Street Sweeping Assessment found street sweeping is underperforming the rest of the country and identifies some opportunities for improvement. ADEC expects the permittees will redesign accordingly. Otherwise the next permit should substantively mimic the current one.

### **Informational Items**

Update on DEC actions and priorities – the general dewatering permit has expired, in the interim applicants need to call ADEC for individual approvals. MSGP is still in the process of review and issuance. The Construction Rule is final, it deletes numeric standards and adds a definition – Infeasible. Jake is leaving so call William for construction questions and Terry Buck for NOI concerns. Port and Anchorage MS4 permits are the next items on reissuance schedule.

Update on 5th year activities

Construction – programs are continuing same as last year.

Monitoring – the dry and wet weather screening are queued for the open water season. Follow-up LID monitoring for the final ADOT project is scheduled.

New Development & Pilot Projects – ADOT is still looking for a parking lot retrofit project. The NSHwy pilot project is scheduled to be finalized this spring and monitored. MOA has started tracking projects needing O&M plans and inspections.

Maintenance – ADOT has contractors (ASR and Knik) ready to perform first sweep as soon as conditions allow – perhaps in next couple weeks. Drain cleaning contractor (AK Stormwater)s is also ready. ARDSA will perform first sweep with in-house resources and will start next week if weather pattern holds. The third sweep will be performed by a contractor as well as the catch basin cleaning. The contractor for OGS waste site development has been selected, and land acquisition discussions continue with the State ADOT airport land managers. MOA is currently upgrading Lucity software for O&M activities tracking.

Next meeting – June 25<sup>th</sup>



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**MEETING SUMMARY**

Wednesday, June 25, 2014 – 1:30 p.m. to 3:00 p.m.  
Municipal Permit Center, Conference Room 170

**Attendees:**

**Jennifer Micolichek  
Kristi Bischofberger**

**Josh Zellmer  
Jeff Urbanus**

**William Ashton  
Tom Grman**

**June 2014 Meeting Agenda Approved**

**March 2014 Meeting Summary Approved with some format changes.**

**Unfinished Business**

The proposal for the next permit is due August\* 4<sup>th</sup>. MOA is planning to continue programs as laid out with the following exceptions:

- Retention requirement will be replaced with filtration/detention for water quality using Green Infrastructure where practical. This approach is consistent with EPA's stormwater rule re-direction.
- Street sweeping performance will be outcome based rather than quantity based. Flexibility is needed with regard to equipment packages, dates of sweeping. We might rebalance detail written in the permit vs. what is put into the O&M plan.

The monitoring program will be continued as currently setup to provide additional years of data at existing sampling sites.

MOA is trying for a partnered process with participating groups to develop the proposed permit.

ADEC has a Word copy of the current permit and would like to see the proposal use it as a basis with changes presented in track change form.\*

**New Business**

**none**

**Informational Items:**

**Update on DEC actions and priorities** – MSGP is still in comment phase. The EPA audit has fallen off the federal radar. Work is beginning on Anchorage permit with decisions about what to keep, or delete. Maintenance and New Development will see the most attention. The approach will be toward tweaking what is there rather than creating new requirements. Also, it will look at applying what was learned from work done in the current permit. Particular focus will be paid to sweeping and monitoring to consider the proposed exceptions.

**Update on 5th year activities:**

**Construction** – we’ve been spending more time on complaints and management of stock piles and dewatering permits.

**Monitoring** – the monitoring projects are under way for summer. They include wet weather, dry weather, and LID evaluations.

**New Development & Pilot Projects** – the pilot projects continue to be checked for performance and there is one newly finishing project to be monitored – New Seward. There are two disconnect projects in the queue for this summer. The recording of O&M agreements is going to public noticed. The Public Works director is now also the acting Building Official.

**Maintenance** – the sweeping program is on schedule. The state’s sand storage units are at various phases of completion at Anchorage (walls poured), Birchwood (footers poured), and Girdwood (MgCl station is being moved inside). The drains are currently being cleaned with ~85% complete.

**Next meeting date: Sept 2014 at 1:30 at Permit Center.**

\* A brief post-meeting discussion between William and Kristi provided clarification to the process for the upcoming permit proposal. The due date is August 4<sup>th</sup> rather than October 4<sup>th</sup> as stated during the meeting. ADEC’s requested process for proposal development is to start with the existing permit and update it in track change.



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**MEETING SUMMARY**

Wednesday, September 17, 2014 – 1:30 p.m. to 3:00 p.m.  
Municipal Permit Center, Conference Room 170

**Attendees:**

Paul VanLandingham	Eric Hodgson	Eric Desentis
Kristi Bischofberger	Josh Zellmer	Jeff Urbanus
Jennifer Micolichek	William Ashton	Tom Grman

**September 2014 Meeting Agenda** approved

**June 2014 Meeting Summary** approved

**Unfinished Business** - none

**New Business**

**Permit proposal submitted August 4<sup>th</sup>**

It is presented in the same form as the current permit, using track change format. Most of the programs are continued as currently performing. Two exceptions are: Street Sweeping which has been revised to allow for more flexibility in sweeping dates, methods, and more practical reporting parameters; and the New Development retention requirement which has been replaced with LID detention and water quality treatment.

Early questions from ADEC regarding Proposal:

What is the definition of **Visually Clean Standard**?

The determination of a road surface immediately following a sweep event to be free of sediment based on a visual inspection provided by trained street maintenance personnel.

Sweeping activities on any road surface will continue until street sections as are free of sediment. When sediment is no longer visible to the inspector viewing the street section while on location, the street is regarded as visually clean.

What are the methods referenced for testing?

- *Evaluation of Street Sweeping as a Stormwater Quality Management Tool in Three Residential Basins in Madison, Wisconsin, USGS, 2007*
- *The Role of Street cleaning in Stormwater Management, ASCE, 2004*

Copies of relevant report sections are being provided to ADEC.

### **Annual Report Questions – handout**

ADEC would like feedback on the questions that came up as a result of reading the annual report. The Permittees will look into it and get back to them.

### **Informational Items**

#### **Update on DEC actions and priorities**

MSGP Comment period ends 10/15/14, continuing to work toward issuance. Working on next MS4 permit – agree with some things but not everything, reading reports – associated questions submitted in New Business, anticipate administrative extension during interim period. Working on CGP renewal for 2016. ADEC has ceased its effort to assume 404 permitting program.

#### **Update on 5th year activities**

**Construction** – activities are continuing without problems

**Monitoring** – we have completed sampling for wet weather monitoring. There were plenty large events to choose from this year with this being third wettest summer on record. Dry weather sampling is finished with no threshold exceedances. The fifth pilot project (New Seward Hwy) was completed this spring and is currently being monitored. Other LID projects are being revisited for ongoing performance monitoring.

**New Development & Pilot Projects** – projects are in monitoring phase as previously described.

**Maintenance** – ADOT has completed sweeping, and drain cleaning. MOA has completed 40% of fall residential sweeping and expects to hit completion by months end. OGS cleaning is complete and CCTV is being performed on some of the lines. MOA is performing a fall creek survey to look for blockages exacerbating icing and flooding.

**Next meeting date** - January 14, 2015



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**DRAFT MEETING SUMMARY**

Wednesday, January 15, 2015 – 1:30 p.m. to 3:00 p.m.  
Municipal Permit Center, Conference Room 170

**Attendees:**

Kristi Bischofberger	Tom Grman	Jennifer Micolichek
John Kim	Eric Hodgson	Josh James
Ron Searcy	William Aston	Paul VanLandingham
Jeffrey Urbanus		

**January 2015 Meeting Agenda Approved**

**Unfinished Business**

**Permit proposal submitted August 4<sup>th</sup>** - ADEC has previously generated a list of questions after reviewing the application. ADEC is currently reviewing previous years' annual reports with an eye towards looking at the permit term as a whole.

**Visually Clean Standard** – A definition of the visually clean standard was provided as part of the summary of the September 2014 Quarterly Meeting Summary. ADEC was provided with printed copies of three papers documenting the methodology that will be used to assess the effectiveness of the proposed Visually Clean Standard. There was a brief discussion about how the proposed standard would be implemented in the field. A related discussion took place about the timing of the new permit, the implementation of the proposed standard, and the commencement of 2015 sweeping activities. ADEC used this opportunity to provide a detailed description of the administrative process that will be followed for adoption of the permit.

**Annual Report Questions – handout** – ADEC was provided with a handout that contained written responses to the questions ADEC had about past annual reports.

**New Business:**

**Annual Report** – The 2014 Annual Report is currently being completed. The report is not expected to contain any “surprises.” The report will be delivered to ADEC on time. ADEC indicated that they are curious to see the results from the final period of water quality monitoring.

**Annual Meeting** - The 2015 APDES Annual Meeting will be held on February 24<sup>th</sup>, at the BP Energy Center. The format of the meeting will be the same “open house” format as year.

### **Informational Items**

**Update on DEC actions and priorities** – The MSGP is currently out for the 5-day applicant review and comment. Once the permit is final, facilities will have 120 days to update any related SWPPPs. Work has begun on the CGP. ADEC anticipates that the comment period will begin this fall. It is unlikely that ADEC will conduct a SWPPP Writing Workshop this year because of state budget challenges.

### **Update on 5<sup>th</sup> year activities**

**Construction** - The MOA continues to work on its program for storing records and as-builts. Some commercial and residential construction is taking place over the winter. ADOT continues to work on the Glenn Highway Eagle River Bridge.

**Monitoring** – Nothing new to report. MOA monitoring contracts expire this spring, will need to be renewed.

**New Development & Pilot Projects** – Work continues on completing those sections in the Annual Report. Work continues in trying to find opportunities for LID/Green Infrastructure Demonstration Projects. At least one project will likely occur this summer.

**Maintenance** - Work has been completed on sand storage facilities and ADOT has taken occupancy of the facilities. All ADOT SWPPPs are in good order. MOA Maintenance stated that all facilities with and industrial SWPPP are now equipped to be pro-active about spill management and response.

**Next Meeting** – The next quarterly meeting is scheduled for Wednesday, March 18<sup>th</sup>