

**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and
Sewerage Services Committee**

Thursday, February 17, 2011

9:30 a.m.

MEETING MINUTES



Committee Members Present

Robert Hoyt, Chairperson
Joseph Cotruvo
Howard Gibbs
David Lake
James Patteson
F. Alexis Roberson
Brenda Richardson
Paivi Spoon
Beverly Warfield

DC Water Staff Present

George Hawkins, General Manager
Leonard Benson, Chief Engineer
Gregory Hope, Staff Counsel
Linda Manley, Board Secretary

Board Member Present

David J. Bardin

I. CALL TO ORDER

Mr. Robert Hoyt, Chairperson, called the meeting to order at 9:30 a.m. and thanked David Lake for serving as chairperson in his absence over the last two months.

II. AWTP STATUS UPDATES

1. BPAWTP Performance

Mr. Walter Bailey, Assistant General Manager for Wastewater Treatment reported that the plant achieved full compliance with all permit parameters for January. Flow for the month averaged 273 MGD with a 12 month average of 300 MGD. Precipitation for the month, at 2.3 inches, was lower than the average and for the past year has been about 10% lower than normal. Biosolids production averaged 1,083 wet tons per day with a 12 month average of 1,177 wet tons per day. BNR performance was good at a TN (total nitrogen) average of 4.4 mg/l, and a twelve month average of 5.1 mg/l.

Mr. Hoyt asked about the use of compost in DC. Mr. Bailey responded that a small amount of compost is produced through one of our biosolids contracts by a facility in Ashland VA. It is Class A product, but not available locally to the general public. Chris Peot, Biosolids Manager, is working with DC's arborist and DDOT to use the compost for street tree planting and restoration projects. DC Water anticipates that this will help with the acceptance of our future Class A product that will be produced at Blue Plains.

III. EMERGING ISSUES

1. LTCP Easements

Mr. George Hawkins, General Manager, informed the Committee about the need for easements related to the underground alignment of the LTCP (Clean Rivers Project) tunnels and the location of shafts. Due to the difficulty in redirecting a boring machine once it is in motion and the need to ascertain the geotechnical characteristics along the route, it is essential to reach agreement with the two District agencies (DMPED and DDOT) that have jurisdiction on the alignment; hence the need for irrevocable easements. District staff has been unwilling to commit to permanent easements, due to uncertainty surrounding the configuration of future District projects that may be impacted by the LTCP (Clean Rivers Project) facilities. Part of the issue is a lack of familiarity in the District government with subterranean easements. The change in government also complicated reaching an agreement. Mr. Hawkins recently had a long and productive meeting with Allen Lew, the City Administrator who indicated he would take up the issue with DDOT. A Board member questioned whether DC Water has advised EPA and DOJ of this issue. Mr. Hawkins advised that there have been verbal notifications, but DC Water needs to work through all feasible direct efforts to resolve the issue, specifically by elevating the problem to the City Administrator and if necessary the Mayor, before formally raising the issue to EPA and DOJ.

In response to a question from a Board member, Mr. Hawkins advised that DC Water expects to commit to a contract with the Design-Builder for the Blue Plains Tunnel in April, and it is critically important to resolve this problem by then. Mr. Hoyt asked for an update on this issue next month

2. LID Summit

Mr. Hawkins updated the Committee on the LID Summit arranged by DC Water to be held at George Washington University on March 14th. There has been very good response and Board members are invited. It is meant to set the path that DC Water needs to follow with respect to the consent decree and the use of LID. EPA will be in attendance, with the current Deputy Assistant Administrator, Nancy Stoner, being an advocate for LID. It is recognized that DOJ may not be

interested in reopening the consent decree, but this issue will be reviewed after LID options are evaluated.

3. New Traffic/Parking Plan for Blue Plains

Mr. Leonard Benson, Chief Engineer gave a presentation on the upcoming changes to Blue Plains traffic and security necessitated by the numerous projects that will be in construction over the next 8 eight years. In anticipation of the influx of construction workers and construction vehicles on top of the existing vehicle and personnel situation, several changes are being implemented to ensure that vehicles can get on the plant and parking is available for the current staff and visitors, with the new construction contractors' employees being required to park off site and be bused in. Pedestrian access and safety is being addressed and procedures have been developed to ensure that visitor access will not take longer than it does currently.

IV. STATUS UPDATES: POTOMAC INTERCEPTOR

1. Potomac Interceptor Sewer Odor Abatement Project

Mr. David McLaughlin, Director of Engineering and Technical Services, reported that the Fairfax site plan may take 4-6 months for approval. Mr. Patteson offered to assist in this matter if needed. Maryland and DC construction is progressing. Geotechnical issues on two sites which the Committee was advised about previously have been resolved.

2. Potomac Sewage Pumping Station – Consent Decree

Mr. McLaughlin, reported that the force main issues downstream of the station that have delayed further attempts at resolving the station capacity certification have been resolved and the pump inlet modification will re-commence this week. It is anticipated that there may be some preliminary results to report next month. A Board member noted that part of the problem with station capacity certification is that the Authority accepted a consent decree to restore capacity which the station may not have ever been capable of in the past.

V. ACTION ITEMS – JOINT USE

Mr. Benson presented the following contractual action items for Committee review and discussed the scope of each.

Joint Use:

1. Contract No. WAS-10-009-AA-CE, Tricon Chemical Corporation
2. Contract No. WAS-10-020-AA-RE, Polydyne, Inc.
3. Contract No. WAS-10-025-AA-RE, The Kuehne Company
4. Contract No. WAS-10-010-AA-CE Topflite Building Service, Inc.
5. Contract No. WAS-06-02-AA-JW, First Vehicle Services
6. Contract No. 100250, Ulliman Schutte Construction, LLC
7. Contract No. 030210, Ulliman Schutte Construction, LLC
8. Contract No. 090190, Corinthian Contractors, Inc.
9. Contract No. DCFA #415, Delon Hampton & Associates
10. Contract No. DCFA #417, Brown & Caldwell
11. Contract No. DCFA #439, Malcolm Pirnie, Inc.
12. Contract No. DCFA #441, PEER

Non-Joint Use:

1. Contract No. 100160, Fort Myer Construction Corporation

The Committee agreed that the explanatory note on the option year fact sheets was good and met the committee's needs; however, the note on the Polydyne fact sheet was called into question since the option year was clearly more than a three percent increase. Mr. Bailey explained that there is a quantity increase necessitated by a foaming situation occurring in the process. It was noted that if the additional quantity is not needed, it will not be used. On the contract for sodium hypochlorite, Mr. Hawkins reminded the Committee of the quick conversion to bleach from gaseous chlorine that was undertaken after 9/11. He had testified about this conversion to a congressional hearing last week. A Committee member reiterated her concern that DC Water makes attempts to keep all contract dollars in the local economy. A Board member raised his objection to the DC cost share on a Potomac Interceptor work fact sheet due to the lack of DC flow in the relevant pipe section. After discussion over equity and the principles involved, it was agreed by the Committee that this fact sheet would be recommended for approval, but an agenda item needed to be scheduled in the near future to further discuss this issue. Background information on the fact sheet for the DCFA #417 contract was requested. The Committee agreed to recommend all action items to the full Board for approval.

VI. CSO REPORTING

Mr. Benson introduced the topic by noting that there are two aspects of CSO reporting; the wet weather flow management at Blue Plains AWTP and the CSO's that occur at outfalls other than 001(the outfall at Blue Plains). Mr. Bailey reviewed the treatment requirements for excess flow at Blue Plains as outlined in the NPDES permit. It was pointed out by the Committee that their interest was not in the details of each excess flow event, but rather in knowing that DC Water

is complying with its permit. Mr. Bailey advised that he would work on a dashboard type presentation of this information to be included in future reports.

Dr. Mohsin Siddique, Supervisor of Environmental Planning, discussed the quantification of CSO's outside of Blue Plains. This is done based on a calibrated computer model and reported to EPA on a quarterly basis. He proposed that instead of the detail that is contained in the model and those reports, that the Committee be given an update in graphical form. A suggested format was provided with the presentation materials. The committee agreed that this approach would be an improvement.

VII. CIP QUARTERLY REPORT

In the interests of time, Mr. Hoyt noted that he would entertain any burning questions at this time. Committee members should submit less pressing questions to him in writing. No questions were raised.

VIII. CONSTRUCTION CHANGE ORDERS

Mr. Hoyt asked the Committee if there were any pressing questions on this topic. A Committee member asked whether there was a standard threshold after which change order costs went back to the design consultant. Mr. McLaughlin advised that changes that result from design deficiencies are considered on a case by case basis and DC Water has taken actions against consultants when warranted by the specific circumstance. In response to a question on project contingency, he noted that a contingency budget is provided based upon contract size.

IX. ADJOURNMENT

Mr. Hoyt adjourned the meeting at 11:12 a.m.