



March 26, 2009

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Utilities Manager

George J. Milanés

Fire Chief

Matt Jenkins

TO: LOCSD Board of Directors

FROM: Utilities Manager, George Milanés

SUBJECT: Agenda Item 3A(2) – 04/02/09 Board Meeting
Utilities Manager Report: **March 2009**

UTILITIES DEPARTMENT

~ Water

~ Wastewater

~ Drainage

This monthly report serves to keep the LOCSD Board of Directors and General Public informed to the status of projects, services and/or activities being undertaken by the Utilities Department for the month of **March 2009**. *(Recent updates to this report are signified in italics).*

WATER SUPPLY: PRODUCTION FOR FEBRUARY 2009

Total production for the month was 16.18 million gallons (MG) which equates to an average flow rate of 0.578 MG or 578,000 gallons per day to meet the daily water supply demand.

Total production for the month (February) represents a decrease of 1.6% from the same time last year which produced a total of 16.45 MG.

WATER USEAGE: BILLING PERIOD FROM JANUARY 11, 2009 THROUGH MARCH 10, 2009 - ROUTES 201-205

Routes 201-205 is comprised of 1182 service connections and represents 43% of the total water connections within the District's water service area.

Total water production for the referenced billing period is estimated at 15,750,500 gallons.

Total water consumption during this period was 12,968,900 gallons which reflects a decrease of 6.3% over last years total of 13,787,900 gallons.

Revenues generated for this period totaled \$77,375.



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WATER OPERATIONS UPDATE

DEPARTMENT OF HEALTH SERVICES- MONTHLY COMPLIANCE

Completed Work:

*Staff has submitted the monthly compliance monitoring report to the California Department of Public Health (CDPH) for **February 2009** with no problems or violations noted.*

Work-in-Progress:

Utility forces continue to operate, maintain and monitor water production wells and distribution facilities for compliance with water quality parameters.

Planned Actions:

In accordance with the District's water permit, Staff will continue to compile the pertinent data and submit the monthly monitoring report to CDHS and maintain the scheduled monitoring and water quality sampling regiment per CDPH Annual Inspection Report 2007.

2008 ANNUAL REPORT TO THE DRINKING WATER PROGRAM

Work-in-Progress:

Staff is finalizing the annual report to the Drinking Water Program. The report provides an overview of the water system and includes information about: Emergency Contacts, Water Sources, Water Production, Plans, Water Quality Information, Physical Description of Existing and Proposed Systems, Backflow Program, Operator Certification and other pertinent information relative to the on-going operations of the public water supply.

Planned Actions:

Staff will submit the completed report to the California Department of Public Health prior to the April 30, 2009 deadline.

SOUTH BAY UPPER AQUIFER WELL: AMEND CDHS WATER SUPPLY PERMIT

Completed Work:

Staff has completed and submitted the required application packet to CDHS that requests an amendment of the District's Water Supply Well permit to include the addition of the newly developed South Bay upper aquifer well into the District's drinking water system.

Work-in-Progress:

Staff has received the awaited for water quality analysis for the new upper aquifer well necessary to complete the operations plan for the blending ratio of the new upper aquifer source water with the existing South Bay lower aquifer water. The operations plan for blending is a requirement due to the anticipated results for the constituent of Nitrate as Nitrogen exceeding drinking water quality standards. Laboratory reports indicate 12.3 mg/L Nitrate as Nitrogen in the upper aquifer source water. Drinking water quality standards for maximum contaminant level (MCL) is 10 mg/L Nitrate as Nitrogen. Staff is working with CDHS officials to finalize amendment of the water supply permit that includes an operations plan for the blending of the new SB upper aquifer well water.

Planned Actions:

Staff to complete operations plan for blending to CDHS and upon approval and amendment of the District's water supply permit will then implement operations plan, train operators and start-up the new well site.

8TH STREET WELL PUMP FAILURE - DIAGNOSTIC EVALUATION

The 8th Street well water pump has failed as of February 24th. This pump was recently replaced in June 2008. Prior to this replacement, the pump was last replaced in August 2001.

Completed Work:

Miller Drilling Company was the well contractor who last replaced this pump/motor in June 2008. The problem was diagnosed and suggests a possible problem with existing motor starter and control circuitry or the motor or motor connectors were faulty with failure to start inevitable. The pump and motor were pulled and replaced with a completely new unit from the factory on warranty.

Work-in-Progress:

Staff currently is awaiting delivery of motor controllers, circuitry and hardware. A service technician has scheduled the work at the time all parts are received. Staff, working with the pump/motor factory representative, has put on order a motor control saver and starter w/ contacts to upgrade the existing pump control circuitry to ensure the pump controller is not the problem.

Planned Actions:

Staff anticipates the well to be back in service by first week in April 2009 due to delay in receiving the control hardware.

ASCE LETTER OF APPRECIATION

Staff received the attached letter of appreciation from the American Society of Civil Engineers, San Luis Obispo Branch for our presentation on the completed Capital Improvement Projects at the Branch meeting. The presentation was a joint effort between Kari Wagner, Wallace Group (Program Managers) and Valerie Dawe, Penfield & Smith (Design Engineers) and the LOCSD staff.

UTILITY WASTEWATER OPERATIONS UPDATE

The Bayridge Estates and Vista de Oro wastewater system facilities are operating in compliance with CRWQCB Waste Discharger's permit requirement. These WDO's specify discharge requirements and water quality standards, and also require the District submit and file a semi-annual self-monitoring report regarding the operation, maintenance and monitoring of these two community septic systems to meet compliance with the respective WDO for each facility.

Completed Work: Utility forces completed the mandated water quality sampling and monitoring requirements in accordance with Waste Discharge Order (WDO) 99-73 for Bayridge Estates and WDO 99-72 Vista de Oro community septic systems for the period of April 2008 through November 2008.

Work-in-Progress:

Utility forces continue the daily monitoring, operation and maintenance activities of these two community septic systems for compliance with RWQCB Waste Discharge Order's (WDO).

Planned Actions:

The next semi-annual monitoring report is due by May 30, 2009.

UTILITY DRAINAGE OPERATIONS UPDATE**Completed Work:**

The Utility forces have taken delivery of the rented drainage pump for the 2008-09 wet weather period. This unit will be used to supplement District resources associated with the pumping of the 6th Street/El Moro drainage area.

Both emergency storm water pumps at the intersection of 8th Street and El Moro and at the intersection of 16th Street and Paso Robles have been set-up and readied for the 2008-09 wet weather year. Pumps located at the 6th St. and El Moro sites have been replaced and tested. Both fixed storm water pump stations located at 8th and El Moro, and Don & Mitchell have been prepped and readied for the wet weather period.

Work-in-Progress:

District forces to monitor and maintain all emergency drainage facilities in top working order.

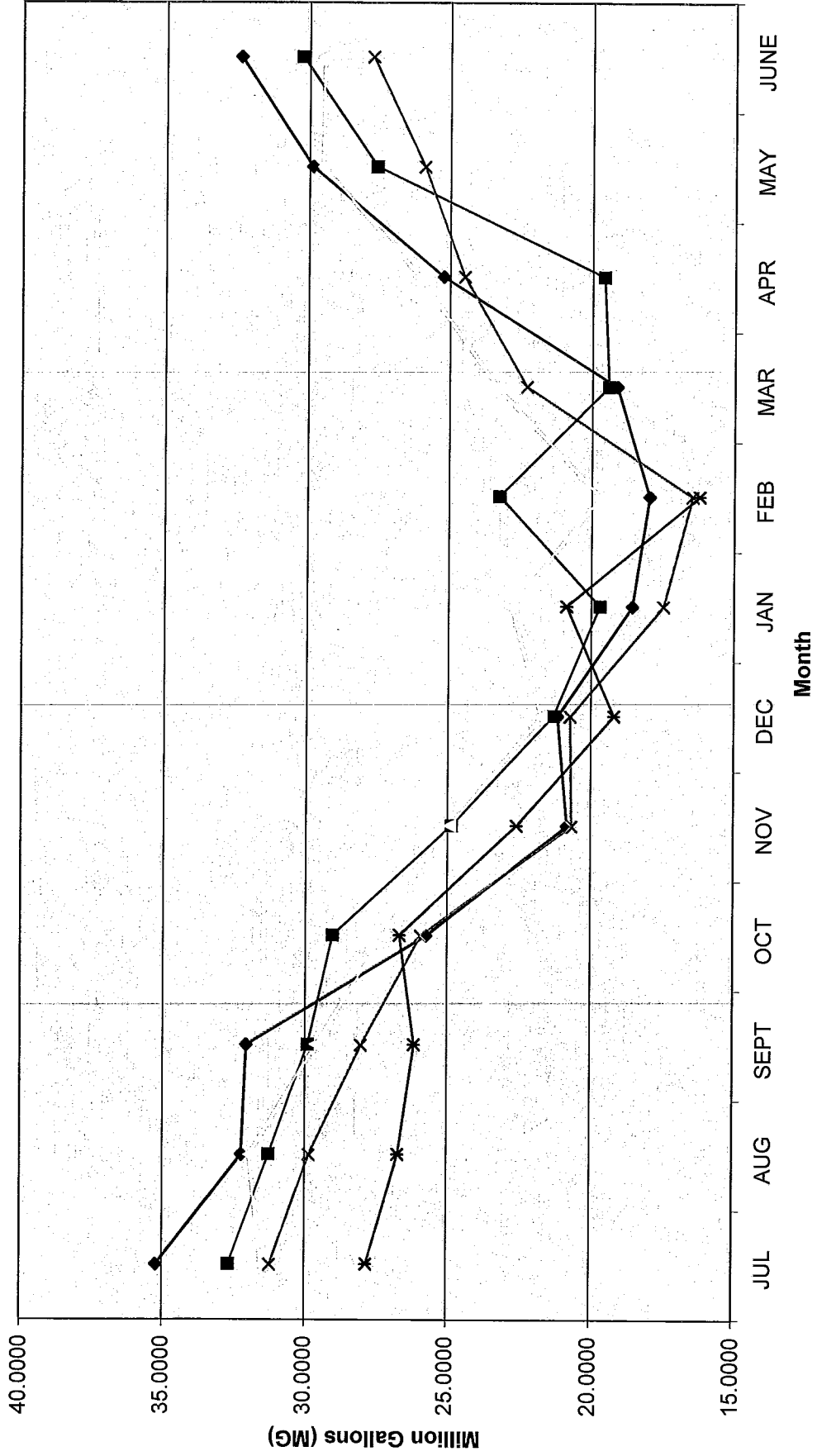
RECOMMENDATION

Staff encourages each Director to ask any questions they may have in regards to the aforementioned report or on any other related item that may or may not have been listed separately as an agenda item.

GM

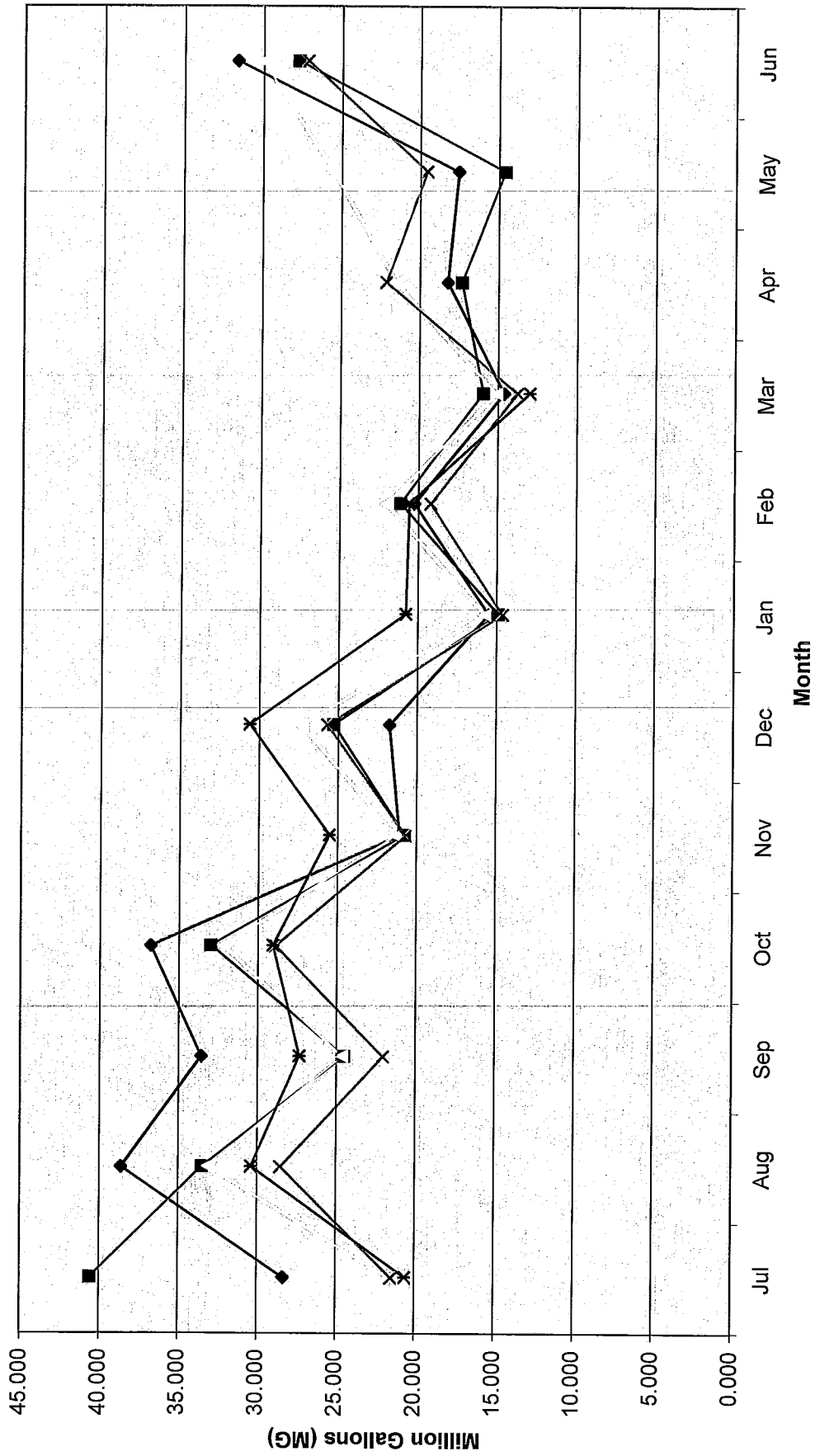
Attachments

Historical to Present LOCSD Well Production Data



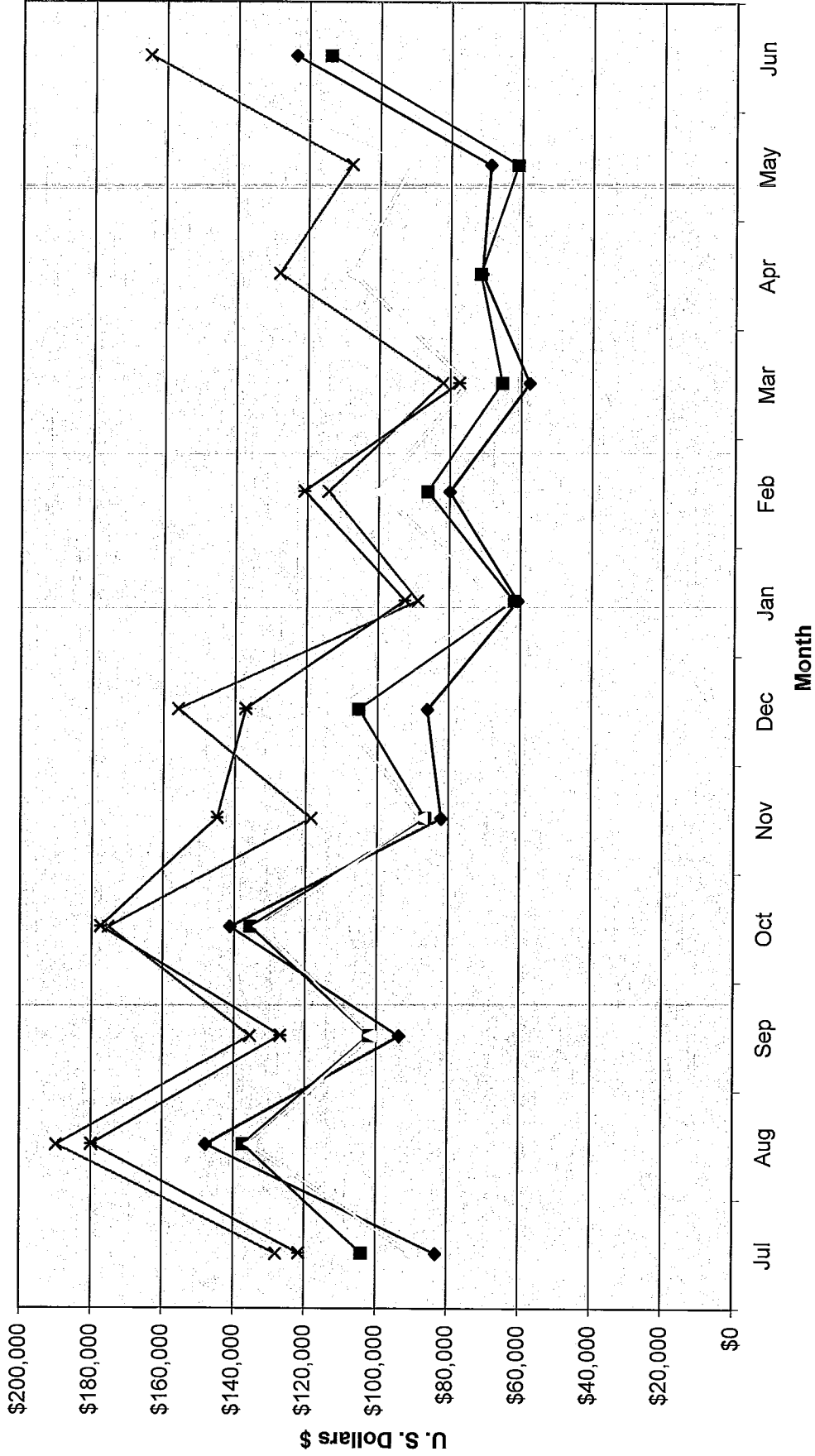
FY2004 - 2005
 FY 2005 - 2006
 FY2006 - 2007
 FY2007 - 2008
 FY2008 - 2009

Historical to Present LOCSD Water Consumption



FY 04-05
 FY 05-06
 FY 06-07
 FY 07-08
 FY 08-09

Historical to Present LOCSD Water Revenue



FY 04-05
 FY 05-06
 FY 06-07
 FY 07-08
 FY 08-09



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FEB 19 2009
BY: 

February 16, 2009

Dear George,

On behalf of the ASCE San Luis Obispo Branch, I would like to thank you for your presentation on the recently completed Capitol Improvement Projects at the Branch Meeting on January 15, 2009. The presentation was well attended, a testament to the high level of interest in the work the CSD Utilities Department has undertaken to upgrade their water system.

Kari Wagner and I both have enjoyed working with you throughout the design and construction phases of each Contract. It was a pleasure to be able to speak alongside you and share details of the water improvements. The attendees were impressed with the number of projects that were able to be completed within the Capitol Improvements budget.

We appreciate you taking the time to share your project experience with our ASCE lunch group. The Branch values your contributions to the meeting and looks forward to working with you in the future.

Best Wishes,



Valerie Dawe
Secretary, 2008-09