

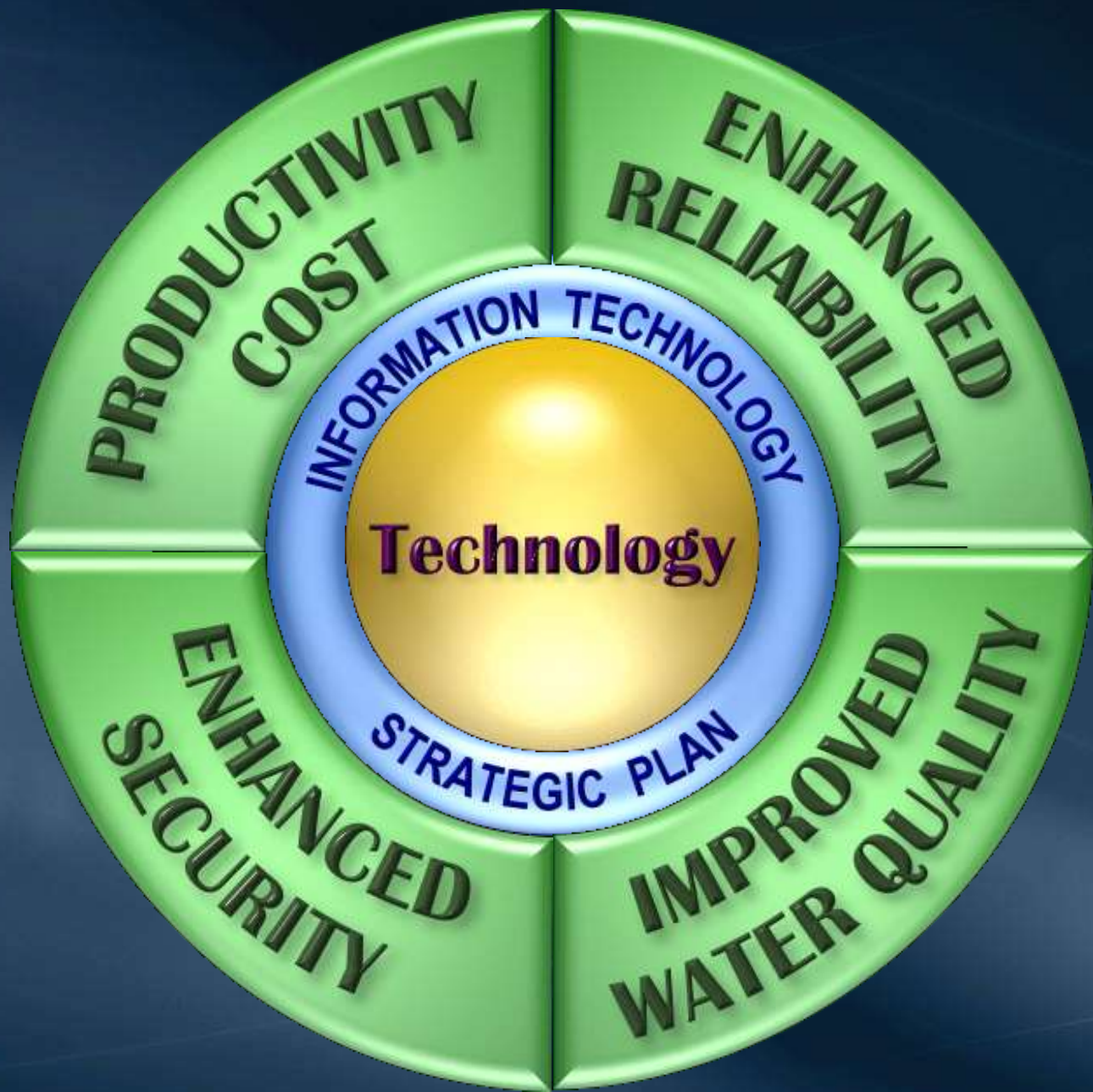


IT Strategic Plan Update – Quarterly Report for Period Ending December 2014

Organization, Personnel and Technology Committee

Item 4a

March 09, 2015



Key Accomplishments

Infrastructure Upgrades:

Voice over Internet Protocol (VoIP)

- Obtained Board approval and mobilized resources
- Negotiated major components of the Consulting Agreement
- Next step, conduct kickoff and start design phase



Key Accomplishments

Infrastructure Upgrades:

Hiram Wadsworth Pumping Plant



- During this period, staff worked with vendor on final design, including:
 - Controls hardware and software
 - Electrical Protection System (e.g. protective relays)
 - Communication Network System (e.g. switches, routers, and cables)
- Next step, verify design through pilot testing



Key Accomplishments



Infrastructure Upgrades:

Emergency Radio Communications System

- Installed and tested design of the Pilot installation, including: two mountain-top sites; one plant site, as well as tunnels; handheld and mobile radios
- Next steps:
 - Perform Pilot system testing
 - Complete and accept final system design
 - Anticipate Board action on Installation Contract



Key Accomplishments



Infrastructure Upgrades:

UNIX Server Upgrade

- Successfully migrated 90% of applications and databases
- Worked with the users to test and validate each migration
- Next step, continue the migration of remaining applications and databases



Key Accomplishments



Water Quality:

Upgraded Electronic System Log

Maintains critical operation data in compliance with the legal requirements

- Migrated system from SCADA to Business network
- Converted six custom systems into one centrally managed system
- Provided enhanced security, and ease of use

Subject	Details	Last Updated By / On
General Log 03/04/2015 08:33 PLANT MAINT.	Dismant FF. Details: CL2 CREW WELL BE TAKING CHECKMATOR #6 OUT OF SERVICE FOR MAINT. FEED TRANSFERRED TO #5. Logged by Daryl Norman during Day shift on 03/04/2015 08:33.	Daryl Norman on 2015-03-04 08:33:31
General Log 03/04/2015 08:40 DELIVERY (ACID)	Dismant FF. Details: 40.508 LBS. ACID ADDED TO TANK 42 (2M4L81). Logged by: Daryl Norman during Day shift on 03/04/2015 08:41. Reported by: ...	Daryl Norman on 2015-03-04 08:41:09
General Log 03/04/2015 08:58 PLANT STATUS	Dismant FF. Details: PLANT FLOW = 185 MGD VLF = 95 CFS LF 2M = 236 CFS. SPW = 8.5%. Logged by: Daryl Norman during Day shift on 03/04/2015 08:58.	Daryl Norman on 2015-03-04 08:58:42
General Log 03/04/2015 09:25 SHIFT CHANGE	Dismant FF. Details: ***** DAY SHIFT ***** MORRIS - VOLUNTEER / STRAZICH / Logged by: Daryl Norman during Day shift on 03/04/2015 09:24. Reported by: ...	Daryl Norman on 2015-03-04 09:24:50
General Log 03/04/2015 09:05 DELIVERY (CAUSTIC)	Dismant FF. Details: 24.987 LBS. CAUSTIC ADDED TO TANK 14 (2M4L76). Logged by: Daryl Norman during Day shift on 03/04/2015 09:05. Reported by: ...	Daryl Norman on 2015-03-04 09:05:18
General Log 03/04/2015 09:05 MENSUHT TOTALS	Dismant FF. Details: TOTAL PLANT FLOW = 181.1 MGD SPW = 8.5% SALS = 6 inches. Logged by: David Murphy during Night shift on 03/04/2015-09:05. Reported by: ...	David Murphy on 2015-03-04 09:05:03
General Log 03/03/2015 23:50 AMMONIA TANK PSI	Dismant FF. Details: K. Serdovical has adjusted the Air Regulator and now Ammonia Tanks # 22 and # 23 are at 14 psi. Logged by: David Murphy. Reported by: ...	David Murphy on 2015-03-04 00:02:01
General Log 03/03/2015 22:50 MECH CALL OUT	Dismant FF. Details: K. Serdovical has arrived at the Plant. Logged by: David Murphy during Night shift on 03/03/2015 22:50. Reported by: ...	David Murphy on 2015-03-03 22:50:26
General Log 03/03/2015 21:55 MECH CALL OUT	Dismant FF. Details: Unable to pressure Ammonia Tank 23. The Air Pad valve is ...	David Murphy on 2015-03-03 21:55:03

Key Accomplishments



Enhanced Security:

Cyber Security

- Continued assessment of Metropolitan's security posture against the National Institute of Standards and Technology (NIST).
- Next step, brief Board - closed session



Upcoming Items:

- Metropolitan's IT Strategic Plan Refresh
- Update on SCADA Master Plan
- Action on the Emergency Radio System Installation Contract



