REGULAR CITY COUNCIL MEETING
(FOLLOWING ADJOURNMENT OF SPECIAL TRANSPORTATION BENEFIT DISTRICT MEETING)

WEDNESDAY, JANUARY 9, 2013
LOCATION: BAINBRIDGE ISLAND CITY HALL
280 MADISON AVENUE N., BAINBRIDGE ISLAND, WASHINGTON

AGENDA

Action

1. CALL TO ORDER / ROLL CALL / PLEDGE OF ALLEGIANCE
7:00 PM
Councilmembers: Anne Blair, Sarah Blossom, Steve Bonkowski, Kirsten Hytopoulos, Debbi Lester, Bob Scales, David Ward

2. ACCEPTANCE OR MODIFICATION OF AGENDA / CONFLICT OF INTEREST DISCLOSURE
7:05 PM

3. NOMINATION OF MAYOR AND MAYOR PRO TEM
7:10 PM

4. PUBLIC COMMENT
7:20 PM

5. CITY BUSINESS
7:30 PM **A.** Application to the Department of Health Extending Deadline for Water System Plan Update, 13-002 – Public Works — Consider Approval
7:45 PM **B.** Update on Request for Proposal for Services Related to Police Chief Search – Executive — Information Only

6. COUNCIL DISCUSSION
7:55 PM **A.** Update on Mayor's Transportation Meeting – Councilmember Lester — Information Only
8:15 PM **B.** Non-Motorized Transportation Committee Appointments, AB 13-003 – Councilmember Lester — Consider Approval
8:20 PM **C.** Update on January 6, 2013 Council Retreat — Information Only

7. CONSENT AGENDA (Pg. 99)
8:40 PM **A.** Accounts Payable Voucher and Payroll Approval for December 28, 2012 and January 9, 2013 — Consider Approval
B. Regular Study Session Meeting Minutes, December 5, 2012 — Consider Approval
C. Regular Business Meeting Minutes, December 12, 2012 — Consider Approval
D. Regular Study Session Meeting Minutes, December 19, 2012 — Consider Approval

8. REVIEW OF UPCOMING COUNCIL MEETING AGENDAS
8:45 PM

9. FOR THE GOOD OF THE ORDER
8:55 PM

10. ADJOURNMENT
9:05 PM

Times listed on this agenda are approximate. Public comment may be limited to allow time for Council to deliberate.

Americans with Disabilities Act (ADA) accommodations provided upon request. Those requiring special accommodations, please contact the City Clerk at 206-842-2545 (cityclerk@bainbridgewa.gov) by noon on the day preceding the Meeting.

CITY OF BAINBRIDGE ISLAND
CITY COUNCIL AGENDA BILL

PROCESS INFORMATION	
Subject: Winslow Water System Plan Two-Year Extension Request	Date: January 9, 2013
Agenda Item: City Business	Bill No.: 13-002
Proposed By: Lance Newkirk, Public Works Director	Referral(s):

BUDGET INFORMATION		
Depart/Fund: N/A		
Expenditure Req: N/A	Budgeted? ☐ Yes ☐ No	Budget Amend. Req? ☐ Yes ☐ No

REFERRALS/REVIEW		
December 19, 2012 Study Session		Recommendation: Schedule for January 9, 2013 Business Meeting
City Manager ☒ Yes ☐ No ☐ N/A	Legal ☒ Yes ☐ No ☐ N/A	Finance ☒ Yes ☐ No ☐ N/A

DESCRIPTION/SUMMARY

Action Item:

Consider approval of the 2012 Limited Winslow Water System Plan (Plan) update to the Washington State Department of Health (WSDOH) and request a two-year extension to the City's existing Plan.

Overview:

The City's existing Plan expires January 12, 2013. Due to the current uncertainties related to water utility ownership and management issues, staff recommends proposing a two-year extension to the existing Plan with the WSDOH to comply with WAC 246-290-100 (10).

To support this request, City staff developed a 2012 Limited Winslow Water System Plan update for WSDOH review and approval. This document analyzes current water system conditions as well as improvements in operations and management of the system since the 2006 Winslow Water System Plan was approved. The results of this analysis, clearly demonstrate that the Winslow Water System has adequate capacity to provide water service to its customers through the requested two-year extension period and beyond.

The 2012 Limited Winslow Water System Plan update is attached for review.

RECOMMENDED ACTION

Motion:

I move that the City Council authorize the City Manager to submit the 2012 Limited Winslow Water System Plan update to the Washington State Department of Health and request a two-year extension to the City's current Plan through January 12, 2015.

Department of Public Works

January 9, 2013

Southwest Drinking Water Operations
Washington State Department of Health
Attn: Virpi Salo-Zieman, Regional Engineer
P.O. Box 47823
Olympia, WA 98504-7823

RE: City of Bainbridge Island — Winslow Water System ID #97650
Water System Plan Extension Request

Dear Ms. Salo-Zieman:

This letter is a follow up to our previous conversations regarding the City of Bainbridge Island's Winslow Water System Plan (WSP) update and the approaching deadline of January 12, 2013. Due to the current uncertainties related to ownership and management of the City's water system, a comprehensive update to the 2006 Winslow WSP will not be submitted at this time; however, the City is requesting a two year extension to the Plan.

To support the extension request, the enclosed 2012 Limited Water System Plan update has been prepared for your review. This document provides an update of Chapters One, Two, and Three of the previously approved 2006 Winslow Water System Plan. The enclosed update revises current planning data, water demand projections, and system analysis to illustrate that the Winslow Water System has adequate capacity to provide water service through the requested two-year extension period and beyond.

Please do not hesitate to contact me if you have any additional questions.

Sincerely,

Lance Newkirk
Public Works Director

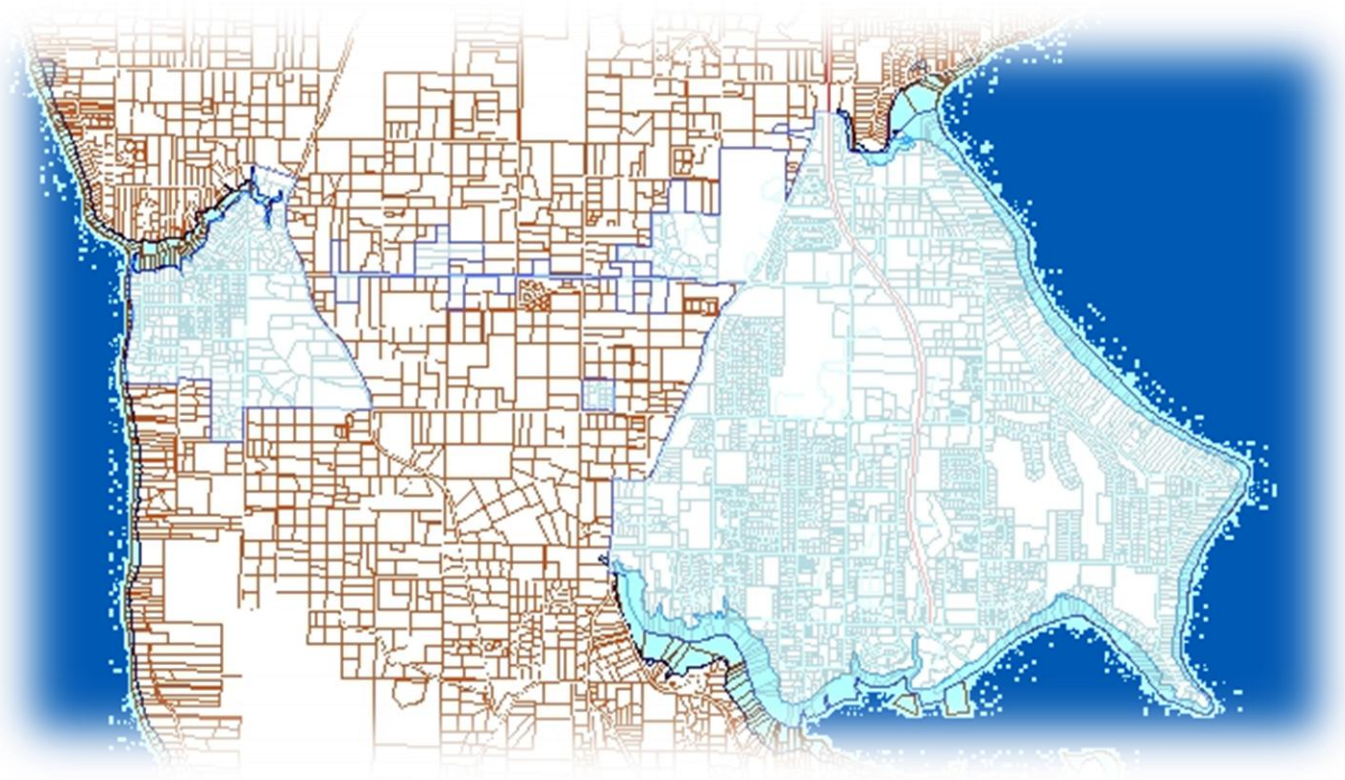
LN/jh
Encl.
File

280 Madison Avenue North - Bainbridge Island, WA 98110-1812
Phone: 206.842-2012 Fax: 206.780.3710 Email: lnewkirk@bainbridgewa.gov

CITY OF BAINBRIDGE ISLAND

KITSAP COUNTY, WASHINGTON

WINSLOW WATER SYSTEM
DRAFT LIMITED WATER SYSTEM PLAN UPDATE
DOH ID #97650



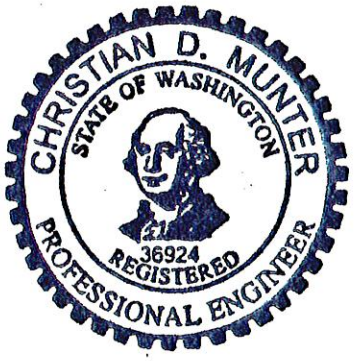
DECEMBER 2012

CITY OF BAINBRIDGE ISLAND
KITSAP COUNTY, WASHINGTON

WINSLOW WATER SYSTEM
DOH ID #97650

2012 LIMITED WATER SYSTEM PLAN UPDATE

The technical material and data in this report was prepared under the supervision and direction of the undersigned, whose seal as a professional engineer licensed to practice as such, is affixed below.



Christian D. Munter, P.E.
Project Engineer

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EXECUTIVE SUMMARY

The Winslow Water System, DOH ID No. 97650 is owned and operated by the City of Bainbridge Island. Water system plans need to be updated every 6 years. The 2006 Winslow Water System Plan (2006 WSP) expires January 12, 2013. Because of current uncertainties related to the water system ownership and management, it is not possible at this time to meet the full intent of this requirement by this expiration date. A two year extension of the 2006 WSP through January 12, 2015 has been requested.

The 2012 Limited Water System Plan Update (2012 Limited Update) has been prepared to support the two year extension request and document that the Winslow Water System has adequate capacity to provide water service through 2015. The extension request and the information provided in this 2012 Limited Update is intended to preserve the status of the operating permit for the Winslow Water System in the green category indicating the water system is in substantial compliance with all drinking water regulations. In addition, the two year extension is intended to allow City Council and City Administration time to determine the future governance of the water utility.

In order to facilitate comparison the 2012 Limited has been developed using the same organizational structure and format as the 2006 WSP. The 2006 WSP relied on the six year data set of 1999 through 2004. The 2012 Limited Update uses the six year data set of 2006 through 2011. The 2012 Limited Update revises Chapters One, Two, and Three of the 2006 WSP.

Chapter One provides an overview of the current water utility ownership and management discussions. Key water system measurements and short term capital improvements are outlined. The water system description is updated and a discussion of system improvements and changes is provided.

Since the 2006 WSP was completed, well rehabilitation and targeted booster pump upgrades have increased available supply. Periodic supply meter testing and data collection changes have improved the quality of water production data. Regular tracking of water service meters has improved the consistency of water consumption data. Field testing, physical site surveys, and as-built research has updated the physical characteristics of the storage reservoirs. Service meter replacements, water main upgrades, and regular tracking of authorized unmetered water use have helped reduce distribution system loss. In addition to these improvements a number of other factors have changed as well. The economy has experienced a recession, the population annual growth rate has declined, and customer water consumption has decreased.

Chapter Two builds upon this information to provide basic planning data and water demand forecasts needed to assess the capacity of the Winslow Water System to provide service. Population forecasts are reviewed and historical water connection, production, and consumption trends analyzed to establish the projected annual growth rate and the equivalent residential unit (ERU) value. From this information, the projected average day demand, maximum day demand, and peak hourly demand is determined. Because of the improvements and changes described in Chapter One, the results show there is a significant reduction in water demand forecasts when compared with the 2006 WSP.

Chapter Three compares existing water system facilities and projected water demand against recommended supply and storage design requirements. The current water right, well, and clear well booster pump source capacities are reviewed and the limiting source capacities identified. Storage analysis criteria, operational considerations, and reliability factors affecting the evaluation are highlighted. Using this information projected water demand is then evaluated against existing water system facilities to show the Winslow Water System has adequate source and storage capacity to provide service through 2015.

CHAPTER 1
(REVISED DECEMBER 2012)

WATER SYSTEM DESCRIPTION

INTRODUCTION

In accordance with Washington Administrative Code (WAC) 246-290-100 and the Washington State Department of Health (DOH), water system plans need to be updated every 6 years or more frequently, if necessary, to reflect the current conditions of the water system. The 2006 City of Bainbridge Island Winslow Water System Plan (2006 WSP) expires January 12, 2013. Because of current uncertainties related to water system ownership and management, it is not possible at this time to meet the full intent of the water system planning requirements by this expiration date. A two year extension of the 2006 WSP through January 2015 has been requested.

This 2012 Limited Water System Plan Update (2012 Limited Update) has been prepared in order to support the extension request and document that the Winslow Water System has adequate capacity to provide water service during the two year extension period through 2015. The 2012 Limited Update builds upon and updates Chapters One, Two, and Three of the 2006 WSP. In order to facilitate comparison, the 2012 Limited Update follows the same organizational structure and format as the 2006 WSP. The 2012 Limited Update has been prepared using the DOH Water System Design Manual, December 2009, and the DOH Water System Planning Handbook, April 1997.

The Water System Plan extension request and the information provided in this 2012 Limited Update is intended to preserve the Winslow Water System operating permit status in the green category indicating the water system is in substantial compliance with all drinking water regulations. In addition, the two year extension is intended to allow City of Bainbridge Island (City) Council and Administration time to determine the future governance of the water utility and whether ownership and operational responsibilities remain with the City or are to be sold, transferred, or provided under contractual arrangement.

GOALS

In addition to these objectives, the 2012 Limited Update has been prepared to meet the following goals:

- Ensure efficient use of available water resources.
- Coordinate planning efforts for growth and development with available water resources.
- Document existing system infrastructure and identify short-term system needs.
- Provide information that will help to ensure that safe, high quality drinking water is delivered to existing and future system customers.
- Ensure reliable service during all conditions of operation.
- Provide information for coordination of City utility services.

SYSTEM OWNERSHIP AND MANAGEMENT

The City of Winslow voted to incorporate all of Bainbridge Island in 1991 and at that time the name of the City was changed to the City of Bainbridge Island. The Winslow Water System, which is located on the north side of Eagle Harbor on Bainbridge Island, is owned and operated by the City of Bainbridge Island. Figure 1-1 is a location map. The DOH water system identification number for the Winslow Water System is 97650.

The City is governed by a seven member City Council under the Manager-Council form of government. The Public Works Director is Mr. Lance Newkirk and the Engineering Manager is Mr. K. Chris Hammer, P.E. The current mailing address for the City is:

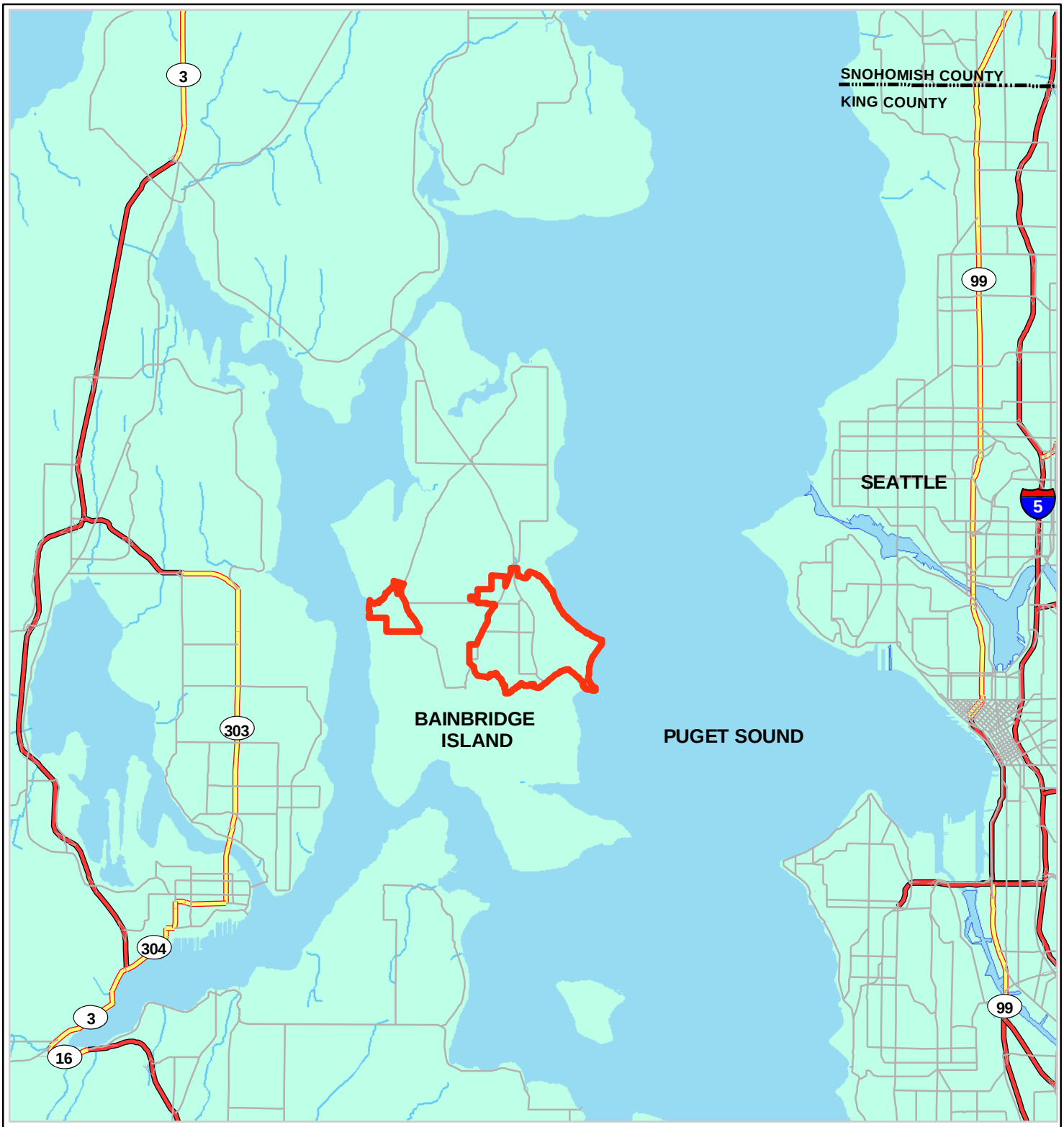
City of Bainbridge Island
280 Madison Avenue North
Bainbridge Island, Washington 98110

Beginning in 2010, the City began to explore divestiture options related to its water and sewer utilities. This conversation involved City Council (Council), City Administration, and the Utility Advisory Committee (UAC), a citizen advisory group. Eventually the conversation began to focus on the water utility. A proposal for operation and ownership of the water utility was received from the Kitsap Public Utility District (KPUD).

A utility business advisor (UBA) was hired to evaluate the KPUD proposal and review other water utility management and ownership alternatives. This effort was intended to assist Council in making an informed decision related to various water utility options. During this process, a thorough review of City water utility operations, maintenance, and management was conducted. The final UBA report concluded that, with certain changes, the City could provide water utility services at rates competitive with other alternatives reviewed.

On December 7, 2011, the Council voted to keep ownership of the water utility for an additional eighteen month evaluation period, through June 30, 2013. The decision was supported by the UAC and was contingent upon implementation of optimization measures recommended by the UBA. In January 2012, the optimization measures, including a reduction in water utility staffing and a reduction in water rates were implemented. The purpose of the eighteen month evaluation period was to allow City Administration time to demonstrate that water utility optimization measures are sustainable over the immediate evaluation period and beyond.

The Council of 2012 revisited the parameters of the eighteen month evaluation period established and approved by the 2011 Council. In August 2012, the Council discussions centered on contracting out management of the water utility. Council passed a motion on August 15, 2012 directing City Administration to issue a Request for Proposals (RFP) for management of the water utility. The RFP was developed and issued September 2012. Three respondents submitted proposals by the October 12, 2012 deadline. The proposals are currently under review. As a result of these unresolved policy discussions, the water system plan update has been delayed. It is the City's intent to decide the governance structure of its water utility within the requested water system plan time extension.



CITY OF BAINBRIDGE ISLAND

WINSLOW WATER SYSTEM PLAN
FIGURE 1-1

LOCATION MAP

Gray & Osborne, Inc.
CONSULTING ENGINEERS

MSEIDEL D:\GIS\BAINBRIDGE_ISLAND\LOCATION.MXD

PLANNED SHORT TERM CAPITAL IMPROVEMENTS

During the requested two year water system plan extension, no major capital investment projects for the Winslow Water System related to storage or production will be undertaken. Water demand forecasts prepared for this extension request indicate that production and storage needs are adequate through and beyond the requested extension timeframe. During the two year extension, capital investment will be limited to developing and delivering the following projects:

- 2013 – Fletcher Bay Control Building Improvements
  Perform minor interior electrical and painting. Replace exterior doors, siding, gutters, and paint structure. Install secondary containment for the sodium hypochlorite holding tanks.

- 2013 – Madison Avenue Water Main Upgrade and Replacement
  Abandon approximately 1,260 lineal feet of 6-inch asbestos cement water main and replace with 12-inch ductile iron water main from about 300 feet south of High School Road to 200 feet south of Wallace Way.

- 2013 – Head of the Bay Telemetry Upgrade
  Install water level transducers in wells 2, 3, and 5 and integrate into telemetry system.

WATER SYSTEM SUMMARY

For the most part, the 2006 WSP relied upon the six year data set of 1999 through 2004. The 2012 Limited Update relies on the six year data set of 2006 through 2011. Since the 2006 WSP was completed a number of improvements and changes have occurred in the Winslow Water System.

Periodic testing of the supply meters and data collection changes have improved the quality of production data. Regular tracking of water service meters has improved the consistency and accuracy of water consumption data. Field testing, physical site surveys, and as-built research has updated the physical characteristics of the storage reservoirs. Service meter replacement, water main upgrades, and regular tracking of authorized unmetered water use have reduced distribution system loss.

In addition to these improvements, other changes have occurred in the water system as well. Lot sizes in the historic Winslow downtown core area have decreased and the size of multifamily units has increased. The economy has taken a downturn and there has been noticeable decrease in customer water consumption.

These improvements and changes combine to have a significant impact on key water system statistics. The changes in key statistics between 2004 and 2011 are summarized in Table 1-1.

TABLE 1-1
Water System Statistics

Measure	Units	2004	2011
ERUs		3,236	4,000
ERU Value	gpd/SFR	201	141
Connections		2,139	2,330
Average Day Production	gallons/day	755,761	593,638
Maximum Day Production	gallons/day	1,594,000	841,286
Maximum Day Peaking Factor		2.1	1.4
Average Day Consumption	gallons/day	655,611	564,840
Distribution System Loss	gallons/day	100,151	21,066
Distribution System Loss	percentage	13.3%	3.5%
Limiting Operational Capacity	gpm	1,484	1,750
Total Annual Production	gallons	276,000,000	216,678,000

WATER USE EFFICIENCY

In 2010 interim water use efficiency goals were adopted. These goals will be formally set by public forum following the results of utility ownership discussions currently underway. The water efficiency goals and progress toward them is outlined below:

- Maintain average water use at or below 288 gallons per day per single family residence as calculated on a 3-yr rolling average.
  - This goal has been met. The 3-year average water use per single family residence in 2011 was 148 gallons per day.

- Reduce peak day use by 3% as calculated on a 3-yr rolling average.
  - Data collection is underway to measure progress toward this goal.

- Maintain distribution system leakage below 10%.
  - This goal has been met. The distribution leakage for 2011 was 3.5% and the 3-year annual average was 3.9%

The reported water loss figures for the Winslow Water System are based on production measured by individual well meters and consumption measured by customer service meters. These meters are read near the middle of each month and water loss is calculated and monitored on a regular basis. Authorized consumption including water main flushing, new water main construction, and fire flow testing is tracked and added to total consumption.

Since 1987 the water distribution system has been fully metered. In 1996 well source production meters were installed and these meters were upgraded in 2008. From 2006 to 2008 residential meters were standardized and in 2009 the upgrade of commercial meters began. The inclined block rate structure encourages customer water use efficiency. Each month high/low meter read exceptions are analyzed and investigated. Service meter leak checks are performed at no cost as a matter of customer service. A permanent water dispensing station is set up for construction and municipal water consumption and the use of fire hydrants for non-emergency purposes is severely limited. Well meter testing and distribution system leak surveys are performed on a regular basis.

The City coordinates with professional organizations to promote water conservation. In addition to providing customer educational materials and conservation rebates, the City has participated in various promotional activities including the distribution of conservation kits, low flow shower heads, and rain barrels.

At the City's wastewater treatment plant wastewater effluent is used for plant processing and wash down water and the broader implementation of wastewater reuse continues to be an important part of the long term utility capital planning process.

WATER SYSTEM HISTORY

The Winslow Water System was originally constructed to serve the City of Winslow on Bainbridge Island, which was incorporated in 1947. The water system was originally supplied by a number of small wells that were eventually abandoned due to poor water quality, low production, or failure.

In 1972 the Winslow Water System was supplied by six wells and a small surface water diversion at the Head of the Bay. The wells included three at the Head of the Bay, and the Weaver-Wyatt, Weaver-Shepard, and Wing Point wells. The Weaver wells included treatment to remove sulfur from the water. Storage for the water system consisted of two 150,000-gallon reservoirs, one located at Knechtel Way and the other at High School Road and Lovell Avenue. The distribution system was divided into two pressure zones separated by an east-west line roughly even with Knechtel Way. The system included booster pumps located at the Head of the Bay and Weaver well sites, Wing Point Country Club, and one in the distribution system at Grow Avenue and Gideon Lane. The 1972 Water System Plan completed by Roats Engineering described the water system as having a deficient source of supply, inadequate storage capacity, and a substandard distribution system. The plan provided a number of recommendations for improvement that, due to economics, mainly focused on supply and storage.

In 1973 the 1.0 million gallon reservoir was constructed in the high zone. The reservoir was located near the High School between High School Road and New Brooklyn Road. The project included a new transmission main from the Head of the Bay well site to the reservoir. As part of the construction, the high zone pressure boundary was adjusted and the 150,000 gallon reservoir located at High School Road and Lovell Avenue was taken out of service.

In 1976 the Weaver-Shepard well 1 failed and the replacement well 1R was drilled. At that time, six wells were providing all of the supply for the water system and the surface water diversion at the Head of the Bay was no longer in use. The Grow Avenue and Gideon Lane booster pump had been taken out of service and the distribution system had two nonfunctioning pressure reducing valve (PRV) stations. The water system did not have standby power or emergency back up pumps in case of a power failure. The 1976 Water System Plan completed by Horton Dennis and Associates noted a number of water system deficiencies; however the recommendations focused mainly on supply and distribution system improvements.

The Fletcher Bay well was constructed by the Kitsap Public Utility District (KPUD) in 1978 and connected to the Winslow Water System in 1979. This high production well capable of 400 gpm was operated under a joint use agreement between the KPUD and the City. In 1983, the Head of the Bay wells 4 and 5 were constructed. Around 1980 the Knechtel reservoir was raised 12 feet giving it a total capacity of about 200,000 gallons and a 300,000 gallon reservoir was constructed at Grand Avenue and Park Avenue to serve the southeastern portion of low zone. During this same time frame, two PRV stations were constructed between the high zone and low zone. One station was located near Madison Avenue and Knechtel Way and the other located near Ericksen Avenue and Knechtel Way.

By 1985 the main source of supply for the Winslow Water System was five wells at the Head of the Bay and the KPUD Fletcher Bay well. Use of the Weaver-Wyatt, Weaver-Shepard, and Wing Point wells had been discontinued, and the distribution system had grown to about 20 miles of water main. The 1985 Water System Plan completed by Kramer, Chin, and Mayo, Inc. made a number of recommendations for improvement related to supply, storage, and distribution.

In 1988 the last well was drilled at the Head of the Bay well site. The Sands Avenue well 1 was drilled in 1989 and Sands Avenue well 2 was drilled in 1990. Sands Avenue well 2 was placed in service in 1995. The Fletcher Bay well and Fletcher Bay distribution system were purchased from the KPUD 1994. The 1.5 million gallon high zone reservoir was constructed in 1989 and around 1993 two additional PRV stations were constructed, one at Grow Avenue and Wyatt Way and one at Cherry Avenue. In 1995 the telemetry system was designed and constructed to provide monitoring and control of the water system. The 1995 Water System Plan completed by RW Beck recommended distribution system improvements to replace undersized mains and the construction of additional storage.

In 1996, following the development of the water system plan, the Commodore well and school distribution system was acquired by the City and integrated into the Winslow Water System. Over the course of the next several years, a number of major water main improvements were made. In 1998 the Ferncliff Avenue water main was replaced with an 8-inch line and a new PRV station constructed. Also in 1998 the Winslow Way East water main was replaced with a 12-inch line. From 1999 to 2000 a number of water main improvements were on Madison Avenue and the Madison and Madrona PRV station was constructed in 2000 to replace the Madison and Knechtel PRV station which was subsequently taken offline. In 2002 the High School water main was replaced with a 12-inch line. In 2003 the Ericksen Avenue water main was replaced with a 10-inch line and a new PRV station constructed to replace Ericksen and Wyatt PRV station.

Between 1999 and 2002 the Winslow Water System began to experience water quality problems. There were a number of coliform detections and high turbidity episodes in the distribution system. In a 2002 study of the water system, it was determined that both the Knechtel Way and Grand Avenue low zone reservoirs had very limited usable storage. Development in the low zone had grown to the point where the overflow elevations of the reservoirs were too low to provide adequate pressures. Attempts to hold low zone storage at the elevation necessary to provide acceptable pressure caused poor reservoir turnover and contributed to water quality problems. In order to improve water pressure and water quality, both the Knechtel Way and Grand Avenue reservoirs were taken off line in 2003, an additional PRV was installed at the HOB well site, and the six PRV stations were adjusted to provide service to the low zone from the high zone.

In addition to these changes, several operational improvements were made as well. The operational set points of the High School high zone reservoirs were widened, well site chlorine residuals increased, dedicated coliform sampling stations installed, contractor construction controls stepped up, and unidirectional distribution system flushing procedures initiated.

The 2006 Water System Plan completed by Gray and Osborne, Inc. relied on information current to 2004 and made a number of recommendations. Some projects referenced in that plan that have been accomplished since 2004 are outlined below. These and other projects of significance are discussed in detail in the remainder of this chapter.

- Pressure Reducing Station valves were rebuilt.
- Sands Avenue well 1 was rehabilitated and the well pump replaced. Booster pump 2 was replaced and the telemetry controls upgraded.
- Five wells at the Head of the Bay well site were rehabilitated and the well pumps replaced. A new booster pump, chlorine generator, electrical system, and telemetry controls were installed.
- Storage analysis of the High School reservoirs has been conducted.
- Fletcher Bay well was rehabilitated and a new chlorine generator installed. The well pump, booster pump, and controls were replaced. The structure is scheduled for final renovation in 2013.
- Weaver well dispensing station was upgraded and relocated to the Sands well site.
- Weaver and Wing Point wells were converted to water level monitoring wells.
- Telemetry system headquarters was relocated to the Winslow Wastewater Treatment Plant.
- Safety improvements were constructed at the 1.0 million gallon reservoir.
- Winslow Way West water main was replaced with a 12-inch line.
- Head of the Bay water main for wells 3, 5, and 6 was replaced with a 6-inch line.

GEOGRAPHY AND CLIMATE

The Winslow Water System on Bainbridge Island is located within the central Puget Sound Basin, east of the Kitsap Peninsula and west of the City of Seattle. The Island is approximately 3.5 miles wide and 10.5 miles long, encompassing approximately 28 square miles with a coastline of approximately 45 miles. The only land access to the Island is the Agate Pass Bridge, which connects Bainbridge Island to the Kitsap Peninsula.

Bainbridge Island has four major harbors: Eagle Harbor, Port Madison, Blakely Harbor, and Manzanita Bay. Eagle Harbor, which is located on the southeastern side of the Island, is the principle harbor that provides the major source of ingress and egress to the Island via the Washington State Ferry System. The Winslow Water System is located adjacent to Eagle Harbor.

The formation of Bainbridge Island resulted when the Vashon Glacier carved out the Puget Sound. Elevations on the Island range from sea level to over 350 feet. The topography of the Island is generally low, rolling hills with several ridges oriented primarily north to south at 250 to 300 feet elevation. Figure 1-2 is a topographic map of the Island.

The climate of Bainbridge Island is affected by the moderating influence of Puget Sound and the Pacific Ocean, and is generally characterized by mild, wet winters and warm, dry summers. The average winter daytime temperature on the Island is 40°F to 50°F and the average summer daytime temperature is 70°F to 80°F. Annual rainfall on the Island varies from 35 to 45 inches.

SOILS AND GEOLOGY

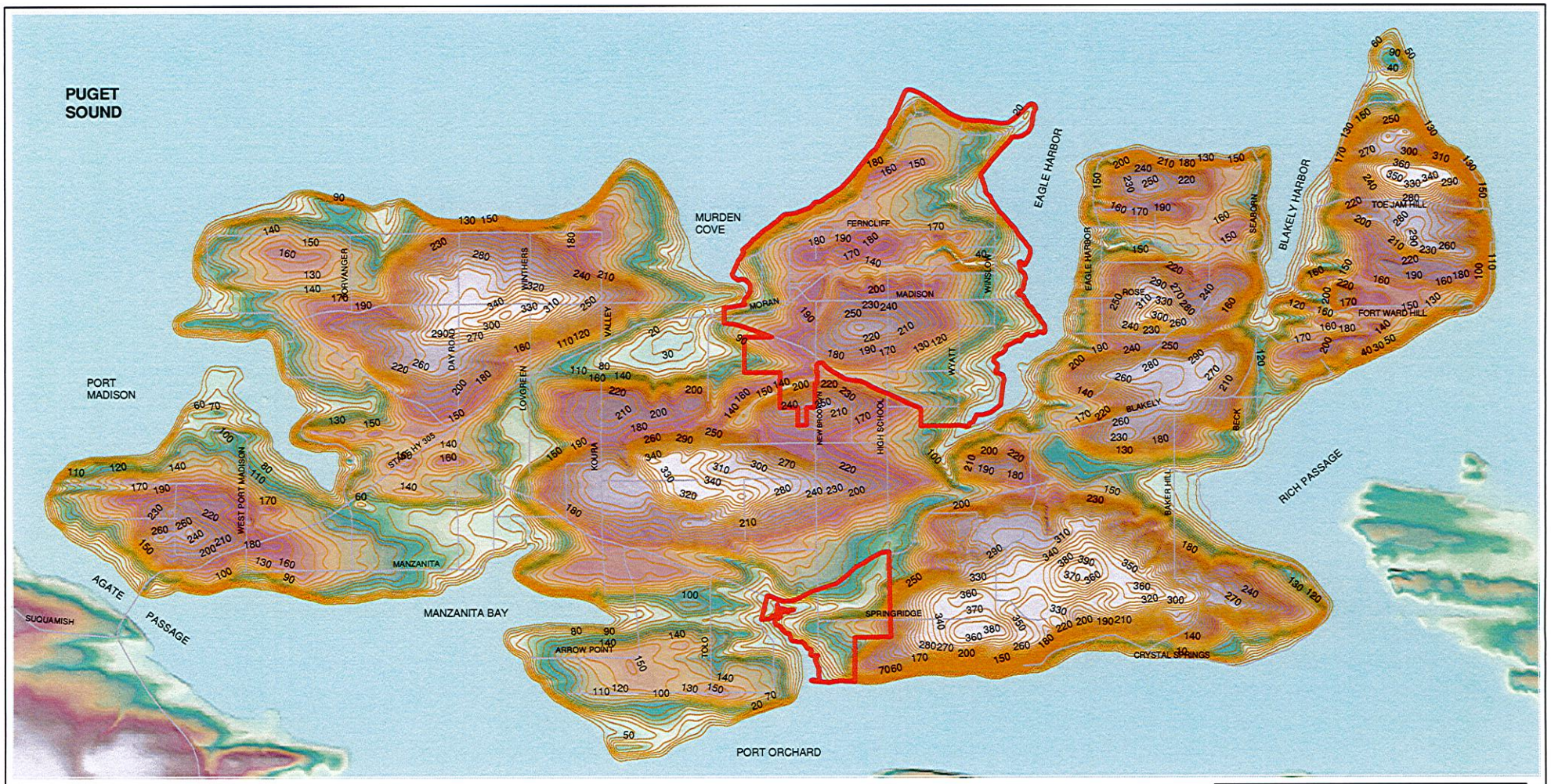
Soils on Bainbridge Island are typical of Puget Sound and consist of dense, compacted glacial till at shallow depths with underlying hardpan. The glacial till is made up of clay, silt, sand, and gravel, and overlays bedrock in varying thickness across the Island. The southern part of the Island has soils that are moderately well to poorly drained and are underlain by sedimentary bedrock. Additional information on the soils in Bainbridge Island can be found in the USDA Soil Survey of Kitsap County. A soils map of Bainbridge Island is shown as Figure 1-3.

SITE SENSITIVE AREAS

Site sensitive areas within the water service area include those classified as wetlands, seismic hazard areas, slide hazard areas, flood hazard areas, and water bodies. Wetlands are defined by the Environmental Protection Agency (EPA) as areas that are inundated for at least part of the year. Wetlands support valuable and complex ecosystems and consequently development is severely restricted if not prohibited in most wetlands. Figure 1-4 is a wetlands map for the City of Bainbridge Island. Flood hazard areas are areas adjacent to lakes, rivers, and streams that are prone to flooding during peak runoff periods. Flood hazard areas deserve special attention due to the sensitive nature of their ecosystems as well as the potential for damage to structures located in the floodplain. Bainbridge Island has limited areas designated at floodplains. A small area near the Winslow Ferry Terminal is designated as X500, which is defined as an area inundated by 500-year flooding; an area inundated by 100-year flooding with an average depth of less than 1 foot or with drainage areas less than one square mile; or an area protected by levees from 100 year flooding.

EXISTING SYSTEM

In 2011 the Winslow Water System provided water supply to 4000 equivalent residential units (ERUs) in the historic Winslow and Fletcher Bay areas. The source of supply for the water system is groundwater supplied by eleven active wells located at four well sites. At each well site



LEGEND:

- USGS 10FT CONTOURS (INTERPOLATED)
- WINSLOW WATER SYSTEM EXISTING WATER SERVICE BOUNDARY

N

0 1,750 3,500 7,000 Feet

SCALE 1" = 3500'

CITY OF BAINBRIDGE ISLAND

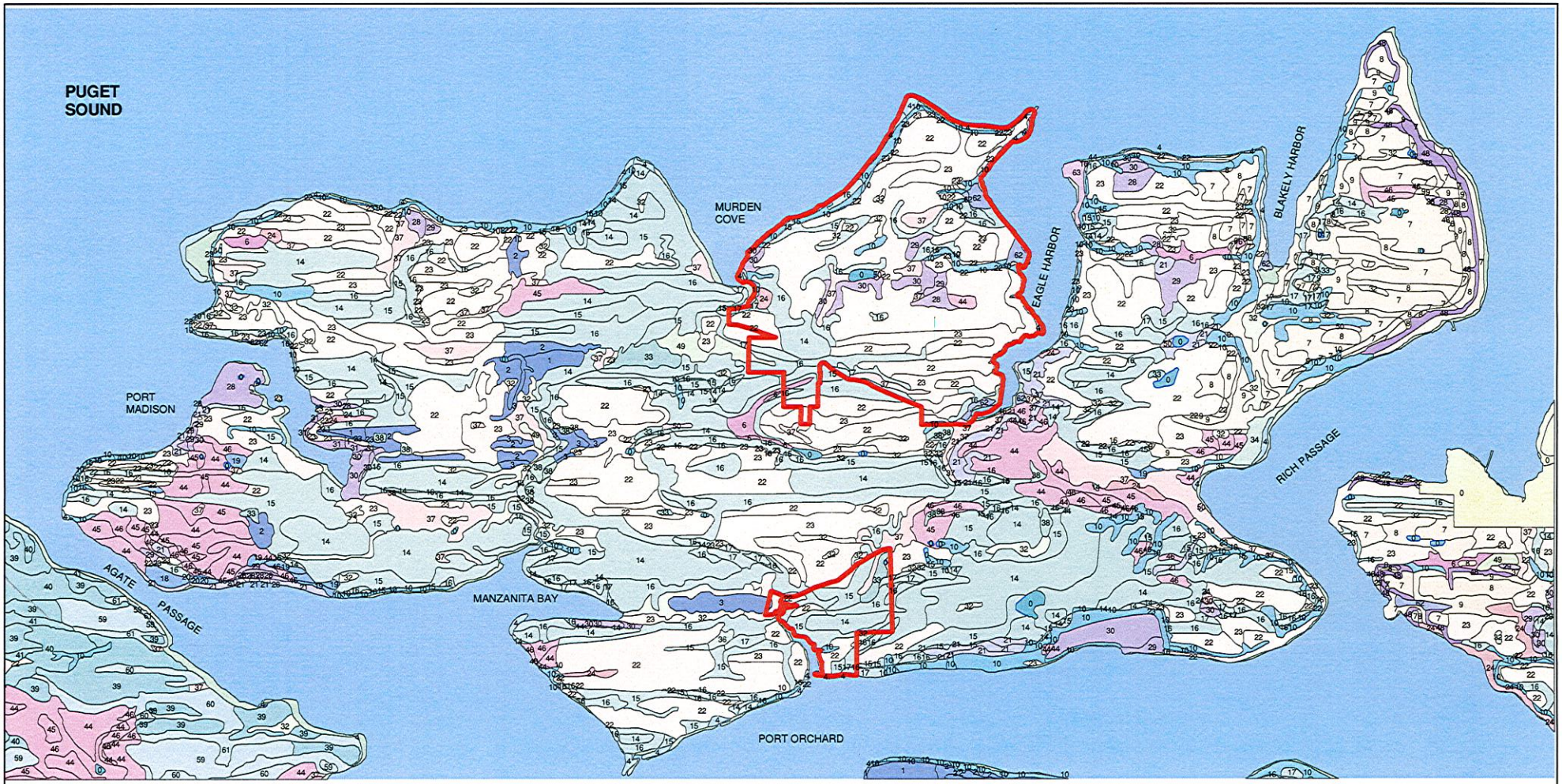
WINSLOW WATER SYSTEM PLAN

FIGURE 1-2

TOPOGRAPHY MAP

Gray & Osborne, Inc.

CONSULTING ENGINEERS



SOIL CODES DESCRIPTION:

0 WATER
1 ALDERWOOD VERY GRAVELLY SANDY LOAM
2 ALDERWOOD VERY GRAVELLY SANDY LOAM
3 ALDERWOOD VERY GRAVELLY SANDY LOAM
4 BEACHES
6 BELLINGHAM SILTY CLAY LOAM
7 CATHCART SILT LOAM
8 CATHCART SILT LOAM
9 CATHCART SILT LOAM
10 DISTRIC XERORTHENTS
14 HARSTINE GRAVELLY SANDY LOAM
15 HARSTINE GRAVELLY SANDY LOAM
16 HARSTINE GRAVELLY SANDY LOAM
17 HARSTINE GRAVELLY SANDY LOAM
18 INDIANOLA LOAMY SAND
19 INDIANOLA LOAMY SAND
20 INDIANOLA LOAMY SAND
21 INDIANOLA KITSAP COMPLEX
22 KAPOWSIN GRAVELLY LOAM
23 KAPOWSIN GRAVELLY LOAM
24 KAPOWSIN VARIANT GRAVELLY CLAY LOAM
28 KITSAP SILT LOAM
29 KITSAP SILT LOAM
30 KITSAP SILT LOAM
31 KITSAP SILT LOAM
32 MCKENNA GRAVELLY LOAM
33 MUKILTEO PEAT
34 NEILTON GRAVELLY LOAMY SAND
35 NEILTON GRAVELLY LOAMY SAND
36 NEILTON GRAVELLY LOAMY SAND
37 NORMA FINE SANDY LOAM
38 PITS
39 POULSBO GRAVELLY SANDY LOAM
40 POULSBO GRAVELLY SANDY LOAM
41 POULSBO GRAVELLY SANDY LOAM
44 RAGNAR FINE SANDY LOAM
45 RAGNAR FINE SANDY LOAM
46 RAGNAR FINE SANDY LOAM
48 SCHNEIDER VERY GRAVELLY LOAM
49 SEMIAHMOO MUCK
50 SHALCAR MUCK
60 SINCLAIR VERY GRAVELLY SANDY LOAM
61 SINCLAIR VERY GRAVELLY SANDY LOAM
62 TACOMA SILT LOAM
63 URBAN LAND - ALDERWOOD COMPLEX

LEGEND:
WINSLOW WATER SYSTEM EXISTING WATER SERVICE BOUNDARY

N

0 1,750 3,500 7,000 Feet

SCALE 1" = 3500'

CITY OF BAINBRIDGE ISLAND

WINSLOW WATER SYSTEM PLAN

FIGURE 1-3
SOILS MAP

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N

0 1,750 3,500 7,000 Feet

SCALE 1" = 3500'

WETLAND CODES DESCRIPTION:

E1ABL - [E] Estuarine, [1] Subtidal, [AB] Aquatic Bed, [L] Subtidal

E1UBL - [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal

E2AB/RSN - [E] Estuarine, [2] Intertidal, [AB] Aquatic Bed / , [RS] Rocky Shore, [N] Regularly Flooded

E2AB/USN - [E] Estuarine, [2] Intertidal, [AB] Aquatic Bed / , [US] Unconsolidated Shore, [N] Regularly Flooded

E2EMN - [E] Estuarine, [2] Intertidal, [EM] Emergent, [N] Regularly Flooded

E2EMP - [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded

E2RSN - [E] Estuarine, [2] Intertidal, [RS] Rocky Shore, [N] Regularly Flooded

E2USN - [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [N] Regularly Flooded

PABH - [P] Palustrine, [AB] Aquatic Bed, [H] Permanently Flooded

PAB/EMH - [P] Palustrine, [AB] Aquatic Bed / , [EM] Emergent, [H] Permanently Flooded

PAB/UBH - [P] Palustrine, [AB] Aquatic Bed / , [UB] Unconsolidated Bottom, [H] Permanently Flooded

PEMC - [P] Palustrine, [EM] Emergent, [C] Seasonally Flooded

PEM/SSC - [P] Palustrine, [EM] Emergent / , [SS] Scrub-Shrub, [C] Seasonally Flooded

PFOA - [P] Palustrine, [FO] Forested, [A] Temporarily Flooded

PFOC - [P] Palustrine, [FO] Forested, [C] Seasonally Flooded

PSSA - [P] Palustrine, [SS] Scrub-Shrub, [A] Temporarily Flooded

PSSC - [P] Palustrine, [SS] Scrub-Shrub, [C] Seasonally Flooded

PUBFh - [P] Palustrine, [UB] Unconsolidated Bottom, [F] Semipermanently Flooded, [h] Diked/Impounded

PUBh - [P] Palustrine, [UB] Unconsolidated Bottom, [h] Diked/Impounded

PUBHh - [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded

PUBHx - [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated

PUBHrx - [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [r] Artificial Substrate, [x] Excavated

PUB/ABHx - [P] Palustrine, [UB] Unconsolidated Bottom / , [AB] Aquatic Bed, [H] Permanently Flooded, [x] Excavated

LEGEND:

WINSLOW WATER SYSTEM EXISTING WATER SERVICE BOUNDARY

CITY OF BAINBRIDGE ISLAND

WINSLOW WATER SYSTEM PLAN

FIGURE 1-4
WETLANDS MAP

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the water is treated with chlorine and fluoride before being pumped into the high zone distribution system to supply customers and fill storage reservoirs.

Storage is provided by two high zone reservoirs with a total capacity of 2.5 million gallons. The reservoirs supply the system by gravity when the wells are not operating. The distribution system is well looped and divided into two zones separated by six pressure PRVs.

The wells draw from three separate aquifers. The DOH has determined eight of the eleven wells have a low risk of contamination while the remaining three have a moderate or high risk of contamination. A wellhead protection plan and an active cross-connection control program help protect the water system from contamination. The water system has sufficient water rights to last well into the future.

All of the active well sites have intrusion alarms and are fenced to provide site security. Each active well site is equipped with a generator receptacle and manual transfer switch to provide back up power during power outages. The water system facilities include two mobile generators capable of operating the largest well sites. These mobile units are normally staged at the Sands Avenue and Fletcher Bay well sites; however they can be moved to provide back up power to any well site necessary.

There is continuous water level monitoring at four wells with plans to upgrade three additional wells with this monitoring capability. Two of the largest well sites include multiple wells and booster pumps that can easily be reconfigured to adjust to unforeseen conditions. Since 2005 eight of the eleven active wells have been rehabilitated and two well site booster pumps have been replaced raising the limiting source capacity of the water system from 1484 gpm as reported in the 2006 WSP to 1750 gpm as reported in the 2012 Update. These factors combine to provide a robust and reliable source of supply with considerable reliability and redundancy to meet unforeseen conditions and changing demands.

The water system is monitored and controlled by a telemetry system that is headquartered at the Winslow Wastewater Treatment Plant. The well sites are selected to operate based on the daily production requirements, well sustainability, and aquifer management requirements. They are called to operate based on the level of the High School reservoirs. Once started each well site operates as an integrated system and is controlled by a local programmable logic computer (PLC). A description of the Winslow Water System facilities is provided in the following sections. Figure 1-5 is a schematic of the water system that shows key system facilities including wells, reservoirs, and pressure zones.

WELL SITES

Head of the Bay Well Site

The Head of the Bay Well Site currently provides about 30 percent of the supply for the Winslow Water System. The well site has seven active wells that tap the Sea Level aquifer. Five of the wells have a low susceptibility rating, while two wells have a moderate or high susceptibility rating. The wells do not have a history of exceeding any primary water quality

MCLs however some wells exceed the secondary MCL for iron and manganese. To date, customer concerns have not warranted the installation of treatment for these secondary contaminants. This issue is reevaluated on a regular basis.

The well site is signaled to operate by the level of the High School reservoirs. Once started the site operates as an integrated system by a local PLC based on the level of the on site intermediate reservoir. The wells can flow freely under artesian pressure or be pumped by the well pumps. The wells discharge into a 10,000 gallon intermediate reservoir located adjacent to the control building. From the intermediate reservoir, one of two booster pumps transfers water to the high zone distribution system at Finch and Sportsman Club Road.

The output of the well pumps ranges from 30 to 250 gpm. Booster pump 2 is VFD controlled to an output of 600 gpm. Booster pump 1 is a fixed rate pump with a capacity of 300 gpm. The well site is configured to operate through the PLC by selecting the desired wells and booster pump.

When the VFD controlled booster pump is part of the set up the system operates automatically in the following manner: When the well site is signaled to operate, the selected well pumps start and pump into the intermediate reservoir. When the level rises to the set point, the booster pump starts and pumps into the distribution system. The booster pump modulates to pace the output of the well pumps. VFD controlled chemical feed pumps provide chemical treatment by injecting chlorine and fluoride into the pump discharge. When the system is signaled to stop, the well pumps shut off, and the booster pump draws down the intermediate reservoir and then shuts off.

When the fixed rate booster pump is part of the control set up, the system operates automatically in a similar manner except wells or booster pumps cycle on and off as necessary to maintain the level in the intermediate reservoir. Normally the output of the wells is closely matched to the output of the booster pump to keep motor cycle rates within acceptable limits.

Even when the well site is not called to operate by the High School reservoirs, the wells flow under artesian pressure to fill the intermediate reservoir. Once full, the system operates automatically in a manner similar to that described above. The selected booster pump starts, draws down the level of the intermediate reservoir, and stops. These uninitiated pump cycles rarely produce more than 20,000 gallons per day and do not cause overflow of the High School reservoirs.

The HOB is the oldest well site currently in operation. Over the years, several wells have been drilled, redeveloped, and decommissioned at this location. The control building has been reconfigured numerous times. Between 1967 and 1988, six wells that are still active were constructed at the HOB.

Wells 1, 2, and 3 were drilled in 1967, 1971, and 1974 respectively. The control building was expanded, new booster pumps installed, and the 10,000-gallon intermediate reservoir constructed in 1973. The facility included a 100 gpm sand filter to treat a surface water diversion from Cooper Creek until it was decommissioned around 1974. Wells 4 and 5 were drilled and a gas chlorinator installed at the well site in 1983. Well 1A was drilled in 1988.

CLEARWELL BOOSTER PUMP CAPACITIES

SOURCE	CAPACITY
FLETCHER BAY	575 GPM
SANDS	684/745 GPM
HOB	240 GPM

WELL CAPACITIES

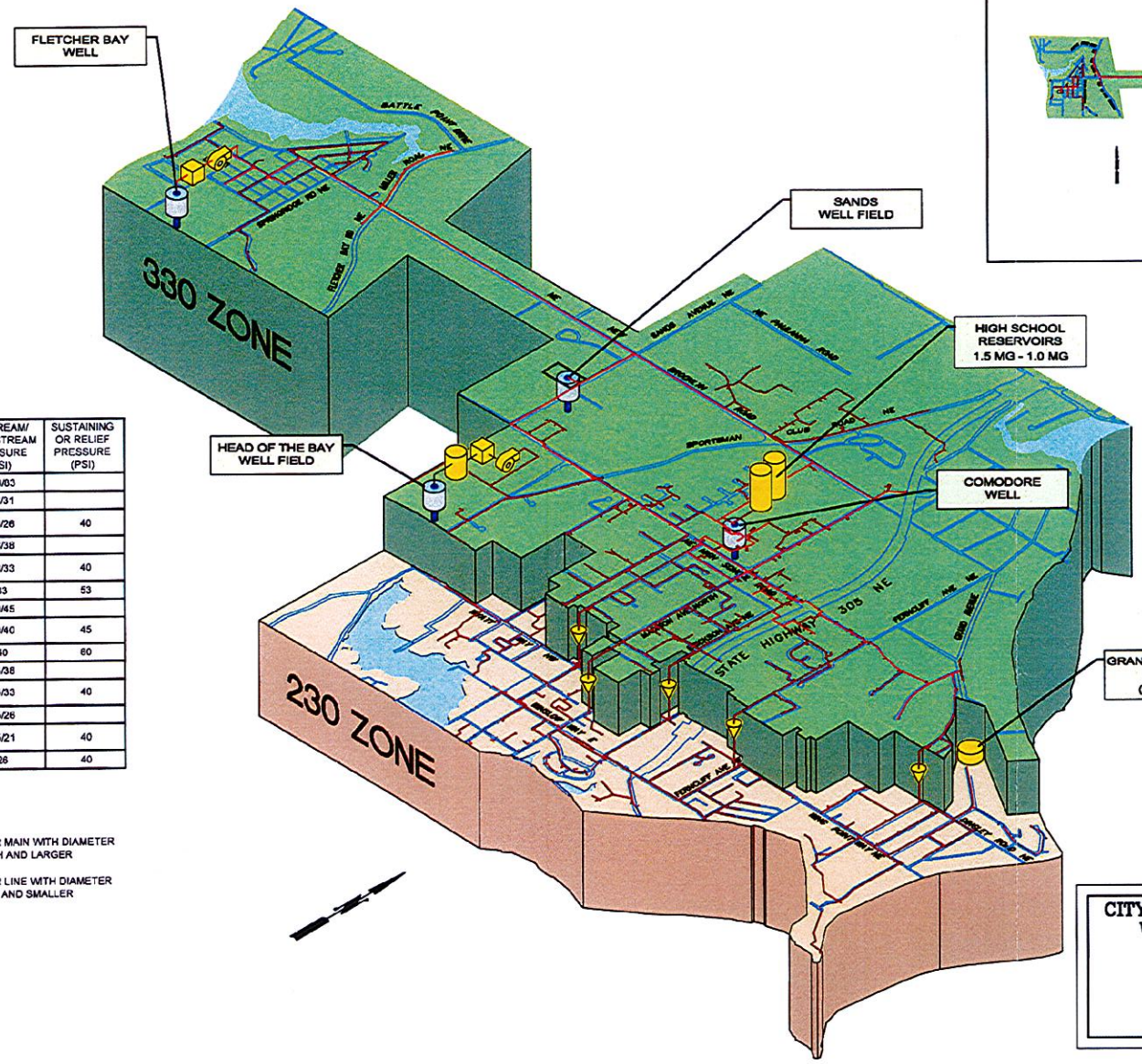
SOURCE	CAPACITY
FLETCHER BAY	500 GPM
SANDS NO. 1	370 GPM
SANDS NO. 2	400 GPM
HOB NO. 1	37 GPM
HOB NO. 1A	135 GPM
HOB NO. 2	184 GPM
HOB NO. 3	250 GPM
HOB NO. 4	115 GPM
HOB NO. 5	106 GPM
HOB NO. 6	91 GPM
COMMODORE	60 GPM

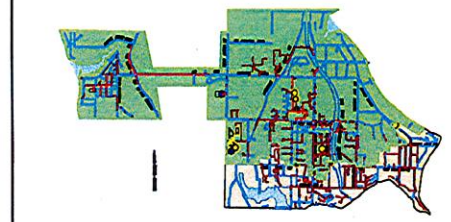
PRV STATIONS

LOCATION	TYPE OF VALVE	SIZE	UPSTREAM/ DOWNSTREAM PRESSURE (PSI)	SUSTAINING OR RELIEF PRESSURE (PSI)
HEAD OF THE BAY	REDUCING	1"	128/83	
GROW & WYATT	REDUCING	2"	76/31	
	REDUCING/ SUSTAINING	6"	76/26	40
ERICKSEN & WYATT	REDUCING	2"	78/38	
	REDUCING/ SUSTAINING	6"	78/33	40
	RELIEF	3"	33	53
MADISON & MADRONA	REDUCING	2"	90/45	
	REDUCING/ SUSTAINING	8"	90/40	45
	RELIEF	2"	40	60
FERNCLIFF AVENUE	REDUCING	2"	84/38	
	REDUCING/ SUSTAINING	8"	84/33	40
CHERRY AVENUE	REDUCING	2"	75/26	
	REDUCING/ SUSTAINING	8"	75/21	40
	RELIEF	3"	26	40

LEGEND

- RESERVOIR
- STANDPIPE
- SUPPLY WELL
- PRV STATION
- CLEARWELL
- BOOSTER PUMP
- WATER MAIN WITH DIAMETER 10-INCH AND LARGER
- WATER LINE WITH DIAMETER 8-INCH AND SMALLER





CITY OF BAINBRIDGE ISLAND
WINSLOW WATER SYSTEM PLAN
FIGURE 1-5
WATER SYSTEM SCHEMATIC

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The gas chlorination system was replaced with a sodium hypochlorite chlorination system and a fluoride saturator installed to provide fluoridation in 1993. A telemetry system was installed in 1995 to provide monitoring and control of the well site. The low zone booster pumps were removed and the high zone booster pumps replaced with units capable of 250 gpm in 1997. The chlorination system was upgraded with a Chlortech B-Series chlorine generator in 1998. The well site was fenced in 2002 and the chlorine generator was replaced with a Chlortech MTC-36 unit in 2007.

Wells 1A, 3, 4, and 6 were rehabilitated and the well pumps replaced in 2005. As part of the project a wellfield test was conducted that determined the maximum safe yield from the site was 500 gpm. In order to take full advantage of the well site capacity, the control building was renovated in 2008. One of the two 250 gpm booster pumps was replaced with a VFD controlled pump rate at 630 gpm. The building piping, flow meter, valves, telemetry controls, and electrical system were replaced. A generator receptacle and manual transfer switch were installed and secondary containment for the sodium hypochlorite holding tanks was constructed. Wells 2 and 5 were rehabilitated and the well pumps replaced in 2011. That same year the well site piping was rerouted to pass over Cooper Creek and the pipe size increased to maximize well pump efficiency. In 2013 telemetry upgrades are planned at the site to improve well level monitoring capabilities.

The limiting capacity of this well site is currently based on the maximum safe yield of the wellfield. When compared to the 2006 WSP the improvements at this site combine to increase the limiting capacity from 240 gpm to 500 gpm. This site and these improvements are important to long term aquifer management. The *City of Bainbridge Island Winslow Water System Water Resource Management Plan* (2005) by Robinson, Noble & Saltbush, Inc. recommended that the site, because it taps the Sea Level aquifer, be used as the main source of supply in the winter months to allow the Fletcher Bay aquifer a period of recovery from peak summer production. In coordination with the KPUD and the pumping of their North Bainbridge Water System this recommended mode of operation is planned to be tested in 2013.

Fletcher Bay Avenue Well Site

The Fletcher Bay Well Site currently provides about 30 percent of the supply for the Winslow Water System. The site has a single well that taps the Fletcher Bay aquifer. The well has a low susceptibility rating and the well level is continuously monitored through the telemetry system. The water quality is good and does not have a history of exceeding primary or secondary MCLs. To provide back up power, a mobile emergency generator capable of operating the entire system is normally stationed at the site.

The well site is signaled to operate by the level of the High School reservoirs. Once started it operates as an integrated system by a local PLC based on the level of the clearwell. The well discharge is treated with chlorine and fluoride by fixed rate feed pumps before it enters the 15,000-gallon clearwell located beneath the control building. From the clearwell a single booster pump pumps to the high zone distribution system at Foster Road.

When the well site is signaled to operate, the well pump starts and is controlled by a variable frequency drive (VFD) to about 600 gpm. When the clearwell is full the booster pump starts and pumps to the distribution system at a rate of 570 gpm. Over time the output of the well pump overcomes the output of the booster pump and the well cycles off. When the clearwell pumps down the well pump restarts and the cycle repeats until the well site is signaled to stop. At that time the well pump shuts off and the booster pump draws down the clearwell and then shuts off. Because the well and booster pump flow rates are closely matched, the motor cycle rates are kept well within acceptable limits. Based on the booster pump output the limiting capacity of the well site is 570 gpm.

The Fletcher Bay Well Site was originally developed by Kitsap Public Utility District (KPUD). The well was drilled in 1978 and the control building constructed in 1979. The Fletcher Bay area distribution system was improved and connected to the Winslow Water System in 1979. The gas chlorination system was replaced with a sodium hypochlorite chlorination system and a fluoride saturator installed to provide fluoridation in 1993. After several years of joint use, under a contractual agreement between the City and KPUD, the well site and the Fletcher Bay distribution system was purchased by the City and fully integrated into the Winslow Water System in1994. The chlorination system was upgraded with a Chlortech B-Series chlorine generator in 1998 and this system was replaced with a Chlortech T-36 chlorine generator in 2004.

A telemetry system was installed in 1995 to provide monitoring and control of the well site. To facilitate back up power during extended power outages a manual transfer switch and generator receptacle were installed on the control building in 1999. A mobile emergency generator was acquired in 2000 and the well site was fenced in 2002.

Several improvements were made to the site in 2006. The well was rehabilitated and the original 500 gpm submersible well pump was replaced with a 650 gpm unit. The original 500 gpm vertical turbine booster pump was replaced with a 650 gpm unit. As part of these improvements the main electrical control center, flow meter, and mainline valves were replaced. The local PLC and clear well controls were replaced in 2008. The new well pump failed and was replaced in 2009. Upon investigation, the cause of failure was determined to be water hammer at start up. To correct this condition a VFD was installed on the well pump in 2011.

Minor control building improvements are planned for 2013. On the inside of the structure electrical and plumbing improvements will be made and the walls painted. On the outside siding, doors, and gutters will be replaced and the structure repainted. In addition, secondary containment for the sodium hypochlorite holding tanks will be installed. When these improvements are complete the Fletcher Bay facility upgrade will be removed from the Winslow Water System Capital Improvement Program (CIP).

Sands Avenue Well Site

The Sands Avenue well site currently provides about 40 percent of the supply for the Winslow Water System. The site has two wells that tap the Fletcher Bay aquifer and the well levels are continuously monitored through the telemetry system. A mobile emergency generator capable of operating the entire system is normally stationed at the site. The wells have low susceptibility ratings and do not have a history of exceeding primary or secondary water quality main contaminant levels (MCLs). Although the water has a slight yellow tint, this aesthetic condition has not caused customer complaints.

The well site is signaled to operate by the level of the High School reservoirs. Once started the site operates as an integrated system by a local PLC based on the level of the clearwell. The discharge from the wells is treated with chlorine and fluoride by fixed rate feed pumps before it enters the 20,000-gallon clearwell located beneath the control building. From the clearwell a booster pump transfers water to the high zone distribution system at Sands Avenue.

Sands well 1 has a capacity of 350 gpm and well 2 has a capacity of 360 gpm. The Sands booster pump 1 has a capacity of 630 gpm and booster pump 2 has a capacity of 690 gpm. Under normal operation both wells start and pump to the clearwell when the well site is signaled to operate. When the clearwell is full, operating on an alternating basis, one of two booster pumps starts and pumps to the distribution system. Over time, the output of the well pumps overcomes the output of the booster pump and the wells cycle off. When the clearwell pumps down the well pumps restart and the cycle repeats until the well site is signaled to stop. At that time the well pumps shut off and the booster pump draws down the clearwell and then shuts off. Because the well and booster pump flow rates are closely matched, the motor cycle rates are kept well within acceptable limits. Based on the lowest booster pump output the limiting capacity of the well site is 630 gpm.

Development of the Sands Avenue well site began in 1989 when Sands well 1 was constructed. In 1990 Sands well 2 was constructed and the control building completed. Sands well 2 was placed in operation in 1995. The gas chlorination system was replaced with a sodium hypochlorite chlorination system and a fluoride saturator installed to provide fluoridation in 1993. The chlorination system was upgraded in 1998 with the installation of a Chlortech B-Series chlorine generator. This system was replaced with a Chlortech T-36 chlorine generator in 2002.

A telemetry system was installed in 1995 to provide monitoring and control of the well site. To facilitate back up power during extended power outages a manual transfer switch and generator receptacle were installed on the control building in 1999. A mobile back up generator was acquired and the well site was fenced in 2002. Booster pump 2 was replaced in 2004. Sands well 1 was redeveloped and the well pump replaced in 2005. The Weaver well water dispensing station was relocated to the site in 2008. That same year the local PLC was upgraded to integrate dispensing station controls and enable remote set up of customer accounts.

Commodore Well Site

The Commodore Well Site has a single well that taps a perched aquifer. The well has a high susceptibility rating because of a past Volatile Organic Contaminant (VOC) detection in 1992. The well has elevated manganese levels that exceed the secondary MCL. Although the well is in the active status it is rarely used due to its low capacity of 50 gpm.

The well site is signaled to start by the level of the High School reservoirs and is controlled by the local PLC. The well discharge is treated with chlorine and fluoride. The discharge extends through 700 feet of 4-inch water main before it connects with the high zone near the inlet of the 1.0 million gallon High School reservoir.

The well was drilled in 1980 for the Bainbridge Island School District. A new control building was constructed for the well and improvements were made to the water system which was owned by the School District. The water system served the school complex between High School Road and New Brooklyn Road. The water system was improved, connected to the Winslow Water System, and transferred to the City in 1996.

Weaver Well Site

The Weaver Well Site is part of the original water supply for the City of Winslow. In its history, four wells have been associated with this well site. The Weaver-Shepard wells 1 and 1R are located on City property at the corner of Weaver Road and Shepard Way. The Weaver-Wyatt wells 2 and 3 are located on City property at the corner of Weaver Road and Wyatt Way. Well 1R tapped the Fletcher Bay aquifer and the remaining wells tapped the Sea Level aquifer. Due to high sulfur content, all the wells required treatment prior to use for potable water supply.

The Weaver-Shepard well 1 was drilled in 1952. The Weaver-Wyatt wells 2 and 3 were drilled and a water treatment system was constructed in 1958. The system consisted of aeration and chlorination to remove sulfur, and booster pumps to pump into the distribution system. In 1972 when the 1 million gallon High School reservoir was constructed the Weaver system was reconfigured to pump into the low zone distribution system. In 1976 the Weaver-Shepard well 1 failed and was capped but not decommissioned. The Weaver-Shepard well 1R was drilled as a replacement and continued to be used for potable water supply until 1984 when all wells at the site were disconnected from the distribution system.

To provide water for construction purposes and for non-potable public works use, the Weave-Shepard well 1R was converted into a non-potable water dispensing station in 1986. The Weaver-Wyatt wells 2 and 3 were decommissioned and the dispensing station upgraded with automated controls in 1996. The Weaver-Shepard well 1 was converted to a monitoring well in 2006. The Weaver-Shepard well 1R continued to be used as a dispensing station until 2007, when the structure that housed the controls was partially destroyed by an arson fire. Following that, a new dispensing station was constructed at the Sands Avenue well site in 2008.

Currently, the Weaver-Shepard well 1R has a well pump and motor that is operable but is

inactive due to building damage. The Weaver-Shepard well 1 is still available for use as a monitoring well. It is unlikely any of the wells at this location will be brought back in service to use for potable water supply. However, the well site still has value to the water utility in real estate property and water rights assets as well as the benefit of its use as a water level monitoring site.

Wing Point Well Site

The Wing Point well is a small 6-inch diameter well that taps a shallow aquifer at a depth of about 40 feet. The well is located on the grounds of the Wing Point Golf Course. By 1985 the output of the well had declined to 15 gpm and its use as a production well was discontinued. It is unlikely this well will ever be brought back in operation; however it is preserved as a water level monitoring site for use as necessary.

CLEAR WELLS

The Sands, Fletcher Bay, and Head of the Bay well sites are signaled to operate by the level of the High School reservoirs. Once started the well sites operate as integrated systems based on the level of the clear well or intermediate reservoir. Table 1-2 provides a summary of the set points. These are general set points; redundant float settings are not shown.

TABLE 1-2

Clear Well Set Points (feet)

Booster Pump	Low Alarm	Booster Stop	Well Start	Booster Start	Well Stop	High Alarm	Over flow
Head of the Bay	6.0	7.5	10.0	16.0	17.0	17.5	18.0
Fletcher Bay	2.2	3.0	3.5	3.5	8.0	8.3	9.5
Sands Avenue	2.2	3.0	3.5	3.5	8.0	8.3	10.0

WELL SITE BOOSTER PUMPS

Booster pumps are located at the Sands, Fletcher Bay, and Head of the Bay well sites. The booster pumps pump treated water from the clear wells or intermediate reservoir into the distribution system to supply customers and fill the High School reservoirs. The Head of the Bay booster pump 2 is controlled by a VFD and the remaining booster pumps use across the line starters. Table 1-3 provides a summary of the booster pump details.

TABLE 1-3
Booster Pump Specifications

Booster Pump	HP	Design		Tested Flow Rate (gpm)	Year Installed	Age (years)
		Flow Rate (gpm)	TDH (feet)			
Head of Bay Booster 1	40	250	375	300	1997	15
Head of Bay Booster 2	100	630	380	600	2008	4
Fletcher Bay Booster	60	650	269	570	2006	6
Sands Booster 1	50	450	305	630	1990	22
Sands Booster 2	50	450	305	690	2004	8

SUPPLY WELLS

The specific capacity and chloride levels are monitored in the wells on a semiannual basis. The results have shown no unusual trends. The specific capacity of all wells declines over time. In the past seven years eight of the eleven active wells have been rehabilitated. Depending upon the well, rehabilitation results have ranged from modest improvements to significant gains. Sands well 2 cannot be rehabilitated because a tool was broken off and left in the casing when it was originally drilled. The Commodore well would be difficult to rehabilitate because of limited site access and poor control building design. The HOB well 1 is a low producing well that would not be cost effective to rehabilitate. Table 1-4 provides a summary of the supply well details for the active wells. The information in this table is based on a detailed review of well driller logs and well development reports.

TABLE 1-4

Supply Well Specifications

Well	DOH Source	Completed Depth (feet)	Casing - Riser (inches)	Year Drilled	Age (years)	Last Rehab	Age (years)
HOB 1A	S11	144	12/8	1988	24	2005	7
HOB 1	S01	134	8/6	1967	45		
HOB 2	S02	130	16/12/9	1971	41	2011	1
HOB 3	S03	163	6	1974	38	2005	7
HOB 4	S08	136	8	1983	29	2005	7
HOB 5	S09	138	8	1983	29	2011	1
HOB 6	S10	152	8	1985	27	2005	7
Fletcher	S07	992	12	1978	34	2006	6
Sands 1	S12	1053	8	1989	23	2005	7
Sands 2	S13	1055	10	1990	22		
Commodore	S14	264	12/8	1980	32		

All of the wells in the water system have submersible pumps. The Fletcher Bay and Commodore well pumps are controlled by a VFDs and the remaining well pumps use across the line starters. Pumps are replaced when the wells are rehabilitated. In the past seven years well pumps have been replaced in eight of the eleven active wells. In the past ten years only one well pump has failed unexpectedly. The Fletcher Bay well pump that was installed in 2006 failed and was replaced in 2009. The cause was determined to be water hammer during start up and the condition was corrected by installing a VFD motor controller. Output of the wells is tested every one to two years. Table 1-5 provides a summary of well pump details for the active wells.

TABLE 1-5
Well Pump Specifications

Well Pump	HP	Design		Tested Flow Rate (gpm)	Year Installed	Age (years)
		Flow Rate (gpm)	TDH (feet)			
Head of Bay Well 1A	7.5	138	156	100	2005	7
Head of Bay Well 1				30		
Head of Bay Well 2	15	206	192	230	2011	1
Head of Bay Well 3	15	250	150	250	2005	7
Head of Bay Well 4	7.5	138	156	90	2005	7
Head of Bay Well 5	7.5	110	175	110	2011	1
Head of Bay Well 6	5	75	100	85	2005	7
Fletcher Bay Well	60	650	260	600	2009	3
Sands Avenue Well 1	40			350	2005	7
Sands Avenue Well 2	40			360	1989	23
Commodore Well	7.5			50	1995	17

WATER RIGHTS

Existing water rights for the Winslow Water System are summarized in Table 1-4. Included in the summary are the water right certificate number, priority date, quantity of instantaneous withdrawal or diversion (Q_i), and annual water right (Q_a,). The instantaneous right represents the maximum pumping capacity of a well or maximum diversion rate for a spring or surface water source. Annual right represents the total quantity of water that may be withdrawn or diverted during an entire year. Priority date provides a means of ranking water rights as junior or senior based on their date of application to the Department of Ecology (Ecology).

Information on the Winslow Water System water rights is obtained from The *City of Bainbridge Island Water Rights Analysis* (2002) and the *City of Bainbridge Island Winslow Water System Water Resource Management Plan* (2005), both of which were completed by Robinson, Noble & Saltbush, Inc. As shown in Table 1-6, the City has water rights for some sources that are not currently used as sources of supply for the Winslow Water System. These include the Weaver wells, Wing Point well, Fox well, and a surface water right.

The Weaver wells 2 and 3 are no longer in service. Weaver well 1 was used to provide water for construction purposes until 2008 when a new water dispensing station was constructed at the Sands Avenue well site. Based on the indicated locations of the points of withdrawal for the Weaver wells, these wells may have been the original HOB Wells. However, according to the Robinson, Noble & Saltbush reports, it does not appear that the water right certificates 3170-A

and 3171-A are assigned to any of the HOB Wells. The water right certificate 3170-A was previously associated with HOB Well 1. However, the Robinson, Noble & Saltbush reports concluded that the well's location and the point of diversion listed under the water right do not correspond with the location of HOB Well No. 1. HOB wells are part of a wellfield and therefore all wells and replacement wells can be pumped under the total available water rights for the HOB wells. As recommended in the Robinson, Noble & Saltbush reports, a wellfield designation from Ecology for the Head of the Bay and Sands wellfields should be formally requested. This will allow any and all existing wells and future replacement wells or additional points of withdrawal to be included under the existing water rights.

The Wing Point well was installed to serve the Community of Wing Point. The Fox Well water right is for a well that belonged to the City of Winslow and is located on the John L. Fox property. Neither well is currently used by the Winlsow Water System. The surface water diversion water right was one of the original sources of supply for the City of Winslow. The source diverted water from Cooper Creek, which is located near the HOB Wells. This surface water source is no longer used.

TABLE 1-6
City of Bainbridge Island Water Rights Summary[1]

Source	Well Status	Certificate Number	Priority Date	Instantaneous Withdrawal (gpm)	Annual Withdrawal (acre-ft/year)[2]
Primary Sources of Supply					
Fletcher Bay Well	Operational	G1-20706C	June 14, 1973	730	1,168
Commodore Well					
Well No. 1	Not Used	C-6025-A	April 8, 1968	20	32
Well No. 2	Operational	G1-23678C	September 15, 1980	120	32 (S)
Sands					
Well No. 1	Operational	G1-25264C	June 29, 1988	300	336 (S)
Well No. 2	Operational	G1-25614P	February 1, 1990	500	564 (S)
Head of the Bay					
Wells No. 1 & 2 (Original)	Not Used	C-5597-A	March 21, 1966	55	88 (S)
Wells No. 1 & 2	Operational	C-7410-A	August 18, 1967	300	336
Well No. 3	Operational	G1-22248C	June 28, 1974	75	160
Wells No. 4 & 5	Operational	G1-24349C	July 8, 1983	200	224
Total Permitted Water Rights (Primary Sources of Supply)				**2,300**	**1,920[3]**
Other City Water Rights					
Lower Weaver					
Well No. 1	Not Used	C-3170-A	February 20, 1958	100	160
Wells No. 2 & 3	Not Used	C-3171-A	February 20, 1958	50	80
Wing Point Well	Not Used	C-1011-D	August 1, 1930	7	11
(Same well)	Not Used	C-3786-A	July 16, 1957	13	21
Fox Well	Not Used	C-4786-A	May 21, 1962	30	48 (S)
Surface Water Right	Not Used	C-7943	June 25, 1958	0.35 cfs (approx. 157 gpm)	253
Total Permitted Water Rights				**2,657**	**2,445[3]**

(1) Source: City of Bainbridge Island Winslow Water System Water Resource Management Plan, Robinson, Noble & Saltbush (2005).

(2) (S) = Supplemental to existing water rights.

(3) Total does not include supplemental water rights.

TREATMENT

At each well site the water is treated with chlorine and fluoride. The Winlsow Water System is currently not required to disinfect, and therefore is not required to provide a contact time (CT) of 6. Chlorine levels are set in order to overcome chlorine demand at each well site and to maintain a minimum residual of 0.1 parts per million (ppm) in the extremities of the distribution system. Chlorine residuals are monitored daily at operating well sites and weekly at coliform sample sites in the distribution system. Table 1-7 summarizes the target and normal range chlorine residual levels.

Disinfection is accomplished through the use of 0.8 percent sodium hypochlorite. The Sands Avenue, Fletcher Bay, and Head of the Bay well sites have on-site chlorine generators each capable of producing 36 pounds of chlorine per day. The Sands Avenue and Fletcher Bay well sites are equipped with Chlortech T-36 units and the HOB well site is equipped with a Chlortech MCT-36 unit. Each on-site chlorine generation system consists of a brine storage tank, a brine pump, a water softener, water heater, sodium hypochlorite production cells, control panel, 0.8 percent sodium hypochlorite storage tanks, sodium hypochlorite feed pump, and secondary containment. At the Commodore well site disinfection is accomplished using the sodium hypochlorite solution produced at the larger well sites.

Fluoridation of the Winslow Water System was initiated in 1992 by City Council Resolution 92-47. In 1993 fluoridation equipment was installed and made operational at all the operating well sites. Fluoridation is accomplished thorough the use of sodium fluoride and fluoride saturators at each well site. Fluoride residuals are monitored daily at operating well sites and controlled within the range of 0.8 through 1.3 parts per million (ppm). Check samples are collected and tested by a certified laboratory on a monthly basis. Chlorine and fluoride residuals and check sample results are reported in the Department of Health Monthly Water Plant Report.

TABLE 1-7

Chlorine Residual Level Set Points

Well Site	Target Chlorine Residual Level (ppm)	Normal Chlorine Residual Range (ppm)
Head of the Bay	1.6	1.4 – 1.8
Fletcher Bay	1.8	1.6 – 2.0
Sands Avenue	1.6	1.4 – 1.8
Commodore	1.6	1.4 – 1.8

STORAGE

The total storage available to the Winslow Water System is provided by the two High School reservoirs. These reservoirs are located behind the Bainbridge High School between High School Road and New Brooklyn Road. They are of the standpipe design and have an effective overflow elevation of 334 feet. Together they have a combined capacity of 2.5 million gallons. The well sites are called to operate based on the reservoir levels through the telemetry system. When the well sites are not operating the reservoirs supply the water system by gravity.

The reservoirs have different base elevations and slightly different overflow elevations. Through physical site surveys, field testing, and record drawing research the as-built dimensions have been determined. This information was originally reported in the *Winslow Water System Plan Storage Analysis Update*, RH2 Engineers (2007). The operational storage component of the 2007 RH2 Analysis has been revised for the 2012 Update. Table 1-8 shows the as-built dimensions and other physical characteristics of the two High School reservoirs.

TABLE 1-8

High School Reservoir Storage Data (As-Built Data)

Reservoir	Type	Capacity (gallons)	Diam (feet)	Height (feet)	Base Elev (feet)	Overflow Elevation (feet)	Unit Storage (gal/ft)
1.0 MG HS Reservoir No. 1	Steel	1,003,184	46.0	80.7	253.3	334.0	12,431
1.5 MG HS Reservoir No. 2	Steel	1,473,651	53.0	89.3	246.3	335.6	16,502

The reservoir data that was utilized in the 2006 WSP differs from the dimensions shown in Table 1-8. For comparison purposes, the data used in the 2006 WSP is shown in Table 1-9. The difference in diameter, height, and other physical characteristics of the reservoirs affects the results of storage calculations.

TABLE 1-9

2006 WSP High School Reservoir Storage Data (Superseded by Table 1-8)

Reservoir	Type	Capacity (gallons)	Diam (feet)	Height (feet)	Base Elev (feet)	Overflow Elevation (feet)	Unit Storage (gal/ft)
1.0 MG HS Reservoir No. 1	Steel	1,000,000	46.0	86.0		334.0	
1.5 MG HS Reservoir No. 2	Steel	1,500,000	56.0	80.7		334.0	

Both High School reservoirs are designed with a common fill/drain connection. This configuration causes poor water circulation. The water from the wells has a relatively high chlorine demand. These factors can combine to have an adverse effect on water quality. To help maintain water quality, the well site call levels are set to balance reservoir turnover with the requirement to maintain adequate storage at a sufficient level to maintain a minimum of 30 psi at the highest water service elevation of 250 feet.

The reservoirs are hydraulically connected so the lowest overflow elevation of 334 feet in the 1.0 million gallon reservoir is the controlling high level point. The base elevation of the 1.0 million gallon reservoir is higher than the 1.5 million gallon reservoir. In order to simplify operations, the telemetry is set to read both tanks relative to the 1.0 million gallon reservoir levels. Well sites are called on and off according to the general set points summarized in Table 1-10.

TABLE 1-10

High School Reservoir Set Points (feet)

Well Site	Low Alarm Probe	Well Site Start	Well Site Stop	High Alarm Probe	High Alarm Float	Overflow
First Call	68.5	71.5	79.5	80.0	80.5	81.0
Second Call	68.5	70.5	77.5	80.0	80.5	81.0
Third Call	68.5	69.5	75.5	80.0	80.5	81.0

In 1972 storage for the Winlsow Water System was provided by two 150,000 gallon reservoirs, one located at Knechtel Way in the low zone and the other at High School Road and Lovell Avenue in the high zone. In 1973 the 1.0 million gallon High School reservoir was constructed in the high zone and the pressure zone boundaries adjusted. Because of the boundary adjustment, the 150,000 gallon reservoir located at High School Road and Lovell Avenue no longer had adequate elevation to provide service, so it was taken off line and later demolished. In 1989 the 1.5 million gallon High School reservoir was constructed in the high zone. Both high zone reservoirs are located near the High School between High School Road and New Brooklyn Road.

Around 1980 the Knechtel Way reservoir was raised 12 feet giving it a total capacity of 200,000 gallons and a 300,000 gallon reservoir was constructed at Grand Avenue and Park Avenue to serve the southeastern portion of low zone. The new overflow elevation was 226 feet. By 2003 development in the low zone had grown to the point where the Knechtel Way and Grand Avenue reservoirs could no longer provide effective storage. Their overflow elevations were not high enough to maintain adequate pressures through gravity. The reservoirs had considerable dead storage that caused poor water circulation and contributed to water quality problems. In order to improve water pressure and water quality, both reservoirs were taken off line in 2003 and the PRV stations adjusted to provide service to the low zone from the high zone. The Knechtel Way reservoir was demolished in 2003 and the Grand Avenue reservoir remains drained and out of service at this time.

In 1993 the 1.0 million gallon reservoir was drained and painted on the inside and outside. In 2001 the reservoir sustained some damage during the Nisqually earthquake and in 2003 upgrades were constructed to bring the reservoir up to seismic standards. In 1996 the 1.5 million gallon reservoir was drained and inspected. Following the Nisqually earthquake a seismic inspection was performed and it was determined the reservoir met seismic standards. In 2008 the reservoir overflow was extended and in 2009 safety upgrades were constructed. Both reservoirs were cleaned and inspected while in service in 1998, 2003, and 2009 using underwater diving services.

PRESSURE ZONES AND PRESSURE REDUCING VALVES

The Winslow Water System is divided into two pressure zones separated by an east-west line roughly even with Wyatt Way. The high zone has a hydraulic gradeline of approximately 334 feet and the low zone has a hydraulic gradeline of approximately 230 feet. All of the wells pump to the high zone distribution system to fill the 1.0 million gallon High School reservoir and the 1.5 million gallon High School reservoir. The reservoirs float on the system and provide supply when the wells are not operating.

The low zone is supplied through six pressure reducing valve (PRV) stations. With the exception of the Head of the Bay PRV, each station is equipped with a 2-inch low flow pressure reducing valve and a 6-inch or 8-inch high flow pressure reducing/sustaining valve. In addition, each station has a 1-inch PRV set 1 to 2 psi higher than the low flow PRV to maintain a constant flow to the low zone and help maintain chlorine residuals. The downstream PRV pressure settings are adjusted to maintain a minimum pressure of 30 psi at the highest elevation in the low zone.

The HOB PRV was installed in 2003. This is a single 1-inch PRV whose primary function is to improve water circulation and maintain chlorine residual in the southwest quadrant of the low zone. Three PRV stations are equipped with pressure relief valves. Upstream and downstream pressures at the Ericksen and HOB PRV stations are monitored by the telemetry system.

In 1980 the first two modern PRV stations were constructed in the distribution system: one at Madison and Knechtel and one at Ericksen and Knechtel. Around 1993 two additional PRV stations were constructed, one at Grow and Wyatt and one on Cherry Avenue. In 2000 the Madison and Madrona PRV station was constructed and the Madison and Knechtel PRV station was taken off line. In 2003 the Ericksen and Wyatt PRV station was constructed and the Ericksen and Knechtel PRV station was demolished. Currently the Madison and Knechtel PRV station remains secured and will be removed when the distribution system in the area is upgraded.

Table 1-11 provides a summary of the PRV stations.

TABLE 1-11
Pressure Reducing Valve Stations

Location	Year Installed	Valve Type	Pressure Settings (psi)				
			Size (inch)	Up	Down	Sust	Relief
Head of the Bay	2003	Reducing	1	128	83		
Grow and Wyatt	1993	Reducing	2	76	31		
		Reducing	6	76	26	40	
Madison and Knechtel	2003	Reducing	1-1/2	Offline, to be removed.			
		Reducing	4				
Ericksen and Wyatt	2003	Reducing	2	78	38		
		Reducing	6	78	33	40	
		Relief	3	33			53
Madison and Madrona	2000	Reducing	2	90	45		
		Reducing	8	90	40	45	
		Relief	2	40			60
Ferncliff Avenue	1998	Reducing	2	84	38		
		Reducing	8	84	33	40	
Cherry Avenue	1993	Reducing	2	75	26		
		Reducing	6	75	21	40	
		Relief	3	26			40

DISTRIBUTION SYSTEM

The water distribution system consists of approximately 45 miles of pipe, ranging in size from 2-inch to 12-inch in diameter. The majority of the system is well looped and consists of pipes over 8-inches in diameter. Dead ends are connected, undersized pipes upgraded, and asbestos cement pipes replaced in coordination with road and development upgrade projects. The make up of pipe materials is approximately 70 percent ductile iron, 20 percent asbestos cement, 9 percent PVC, and 1 percent galvanized iron. Table 1-12 provides a summary of the approximate lengths of pipes in the system by diameter. Note: the 10,000 feet of 2-inch pipe shown in the summary includes about 700 feet of 1-1/4-inch galvanized iron pipe.

In 2006 an inventory of the distribution system was conducted and there were 939 sectional valves, 114 blow off valves, 41 air release valves, and 362 fire hydrants counted. At that time, the vast majority of the fire hydrants met current standards and 70 had storz pumper connection adapters. Less than 10 fire hydrants had a main valve size smaller than a 5-inch diameter. The fire hydrant average installation year was 1985. Projecting forward, that would make the average fire hydrant age 27 years today.

TABLE 1-12
Water Distribution Pipe Inventory

Diameter	2-inch	4-inch	6-inch	8-inch	10-inch	12-inch
Length (feet)	10,000	14,133	45,626	100,254	9,926	58,842
Percentage	4%	6%	19%	42%	4%	25%

METERS

The Sands Avenue, Head of the Bay, and Commodore well sites have well meters that measure production from individual wells. The Sands Avenue, Fletcher Bay, and Head of the Bay well sites have site meters that measure total production of all the wells at each site after treatment. Individual wells have been fully metered since 1996 and well sites have been fully metered since 1986. These meters range in size from 2-inch through 8-inch and have flow rates that range from 30 through 690 gpm.

The meters are tested every 1 to 2 years for accuracy by pumping into and out of clear wells of known dimensions. Regular testing has shown the well site meters tend to over-register production while the individual well meters are typically within the expected range of accuracy. Prior to replacement in 2008, the Head of the Bay well site meter over-registered production by as much as 20%. Replacement of some well site meters has improved their overall accuracy, however due to physical limitations for meter installations within the control building they generally over-register production and are not as accurate as the individual well meters. For daily and monthly monitoring purposes the well site meters are used because they are located in the control buildings and do not require confined space entry. The individual well meters are read on a monthly basis for very accurate production reporting including the annual Water Use Efficiency report and the 2012 WSP Update.

Since 1987 service meters have been in place on all customer service lines. The majority of these meters range from 5/8 x 3/4-inch through 2-inch in size. A small percentage of the service meters range from 2 1/2-inch through 4-inch in size. To reduce labor and meter reading errors service meters were fully converted to touch read by 2001. From 2006 to 2008 small service meters were standardized and in 2009 the upgrade of the larger meters began.

Customer service meter final reads, scheduled shut-offs, and leak checks are performed twice weekly. Service meters are read and shut-offs for non-payment are performed on a two month cycle. Service meter replacements are triggered through service order investigations, high/low meter exception reports, monthly meter data analysis, and programmatic meter replacement.

The City specifies a quality service meter. Experience of larger utilities with active meter calibration and replacement programs indicates the life span of these meters can last as long as 25 years and still provide accurate service. Because of the costs involved, programmatic meter replacement is a long term process that must balance program costs with budget constraints. Over the years the utility has balanced these constraints to maintain respectable progress in this

area. Table 1-13 provides a summary of the approximate age of the service meters in the system. It should be noted that the table includes about 160 inactive meters.

TABLE 1-13

Service Meter Age

Age	0-5 yrs	6-10 yrs	11-15 yrs	16-20 yrs	21-25 yrs	Total
Count	409	684	529	707	132	2,461
Percentage	16.6%	27.8%	21.5%	28.7%	5.4%	100.0%

TELEMETRY AND CONTROL

The Winslow Water System is monitored and controlled by a Supervisory Control and Data Acquisition (SCADA) system. The system was designed and installed by S&B Inc. in 1995. Monitoring and control of the City water system, sewer system, and wastewater treatment plant is integrated into the system. The SCADA system is housed in a master control center (MCC) that was originally located on City property at John Nelson Park. In 2006 the MCC was upgraded and relocated to the Winslow Wastewater Treatment Plant. Additional integration and upgrades to the system were accomplished in 2009 as part of the Winslow Wastewater Treatment Plant upgrade.

The SCADA system includes a programmable logic controller (PLC), graphical user interface (GUI), telephone network interface (TNIS), data management system (DMS), and autodialer. All the control and alarm logic for the water system is contained in the PLC. The GUI provides an operator interface to understand logic, adjust set points, troubleshoot systems, and manage data. In order to communicate with the remote sites, the TNIS provides an interface with leased analog and digital subscriber telephone lines (DSL). The DMS archives and stores data and the autodialer calls out alarm conditions to standby personnel for after hours emergency response.

All well sites, reservoirs, and select PRV stations can be monitored and/or controlled from the MCC at the wastewater treatment plant. In addition, the system can be accessed for monitoring and control at the Public Works Facility through the City network. Typical parameters, conditions, and alarms monitored and controlled include:

- Communications Fail
- Power Fail
- Phase Fail
- Smoke/Fire
- Flood
- Operator in Trouble
- Intrusion
- Voltage
- Water Level
- Low Level
- High Level
- Water Pressure
- Low Pressure
- High Pressure
- Pump Run Time
- Pump Cycles
- Pump Excessive Start Limit
- Pump Failure
- Pump Flow Rate
- Pump Total Volume

In addition to the main SCADA system, S&B Inc. has been responsible for the design and installation of all City water and wastewater control systems since 1995. This relationship has helped establish standards and insure continuity of systems design. Over the years the SCADA system and remote controls have proven extremely reliable. All software and hardware are designed with reliability and redundancy. The SCADA PLC has a back up system available on-site. Level probes are backed up with floats. Smart controllers are widely employed and software includes fail safe logic. Over the past ten years long term interruption of the telephone lines has been rare and in case of communication failures, all remote sites have standalone PLCs that can operate independent of the MCC.

INTERTIES

The Winslow Water System currently has no interties with adjacent purveyors.

ADJACENT PURVEYORS

There are a number of water systems that provide water service to customers on Bainbridge Island. Figure 1-6 is a map showing the water service areas of the purveyors on the Island. The water service areas on this figure are based on information provided in the *Kitsap County Coordinated Water System Plan.* The existing Winslow Water System water service area is shown on this figure as well. Purveyors that are adjacent to the Winslow Water System include Kitsap Public Utility District (KPUD) – North Bainbridge, Ferncliff Water Association, Madrona Water Company, Bainbridge Island Sportsmen, Island Center Community, KPUD – Harbor Crest, and the Bucklin Water System.

RELATED PLANNING DOCUMENTS

The following documents were consulted in the preparation of this Water System Plan Update:

RH2 Engineering, Inc., Winslow Water System Plan Storage Analysis Update, July 2007
This document was prepared in conjunction with booster station supply improvements at the Head of the Bay well site. The document incorporates as-built storage characteristics and factors in supply improvements at the Head of the Bay well site to update the 2006 Water System Plan storage analysis calculations.

Gray & Osborne, Inc., City of Bainbridge Island Water System Plan, January 2006
This document provides a discussion on the Winslow Water System facilities and planning data relating to the water system projections for future demand. The Plan concludes that the Winslow Water System has adequate water supply to meet projected demands through 2009 and storage to meet projected demands through 2010. The Plan makes a number of recommendations including additional supply and storage as well as the continued replacement of water distribution mains.

City of Bainbridge Island, Winslow Master Plan, Updated November 2006
The Winslow Master Plan was developed to refine goals and policies of the City of Bainbridge Island Comprehensive Plan as they relate to Winslow, which is designated as the major area of urban concentration. The Plan has detailed facilities and amenities plans for Winslow relating to

pedestrian and bicycle facilities, open space and trails, and transportation. Fifty percent of the growth on Bainbridge Island is targeted for the Winslow Master Planning area.

Robinson, Noble & Saltbush, Inc., City of Bainbridge Island Winslow Water System Water Resource Management Plan, 2005
This document provides a review of the City of Bainbridge Island's water rights, source efficiency, and source monitoring. The document also provides recommendations for system operation, future sources of supply, water conservation, water system interties, and stewardship. An evaluation of the City's well efficiencies resulted in recommendations for rehabilitation of HOB Wells No. 1,3,4, and 6, the Fletcher Bay well, and the Taylor Avenue well, which serves the Rockaway Beach Water System.

City of Bainbridge Island, Comprehensive Plan, 2004
This document was developed to meet the requirements of the State Growth Management Act (GMA). The document provides authority and policy framework for development and conservation in the City. The current Comprehensive Plan was initially adopted in 1994. The update to the 1994 Plan began in 2000. The updated Plan was adopted in December 2004. The elements included in the Plan are intended to guide planning and decision making regarding community character, land use, housing, sensitive areas and natural resources, transportation, capital facilities, utilities, and annexation. No significant changes to the 1994 Plan are proposed in the 2004 update. The Water Resources Element is one portion of the Plan that is being modified. Policies pertaining to drinking water are amended to discourage individual private shallow wells and to clarify the City's role in terms of public and private water systems.

Robinson & Noble, Inc., City of Bainbridge Island Wellhead Protection Program, 2003
The City of Bainbridge Wellhead Protection Program is included in Appendix C. This document provides delineations of the wellhead protection areas for the City's sources, along with an inventory of potential contaminant sources. A spill response plan and contingency plan is also included as part of this document.

City of Bainbridge Island Water System Vulnerability Assessment, 2004
Under the Public Health Security and Bioterrorism Preparedness and Response Act (Bioterrorism Act), Public Law 107-122 of June 12, 2002, drinking water systems serving more than 3,300 customers were required to complete a Water System Vulnerability Assessment (WSVA) by June 30, 2004. The City completed their WSVA and submitted it to U.S. Environmental Protection Agency in 2004. A copy of the City's WSVA is kept as a confidential document on file at the City.

Gray & Osborne, Inc., Winslow Water System Engineering Program & Analysis, 2002
This document is a series of Technical Memoranda that address the following topics for the Winslow water system: hydraulic analysis, water conservation, operational analysis, program analysis, preventive maintenance, and staffing, and capital improvement program. This analysis was completed to address City questions and concerns prior to development of this Water System Plan update.

Robinson & Noble, Inc., Water Rights Analysis, 2002
This document was prepared in conjunction with the City's Wellhead Protection Plan. An investigation was made into the Department of Ecology's water rights database to identify all water rights held by the City of Bainbridge Island. This report documents the City's existing water rights and provides a discussion as to any issues relating to water rights.

City of Bainbridge Island, Harbor Management Plan, January 1999
The Harbor Management Plan was developed to help manage and protect the harbors of Bainbridge Island. The plan provides a discussion of the Island's harbors and outlines policies relating to harbor management.

R.W. Beck, City of Bainbridge Island Water System Plan, September 1995
This document provides a discussion on the Winslow Water System facilities, planning data relating to the water system, projections for future demand, and a system analysis. A satellite system program is also included in the Plan. The Plan concludes that the Winslow Water System has adequate supply to meet projected demands through 2012. Additional storage is recommended along with replacement of undersized pipe and completion of a Wellhead Protection Program.

R.W. Beck, City of Bainbridge Island Water System Plan Amendment, October 1996
This document was prepared to address the DOH review comments on the City's 1995 Water System Plan. This amendment provides additional information relating to water service areas on Bainbridge Island, land use, future water demands, water rights, storage requirements, financial analysis, and operation and maintenance.

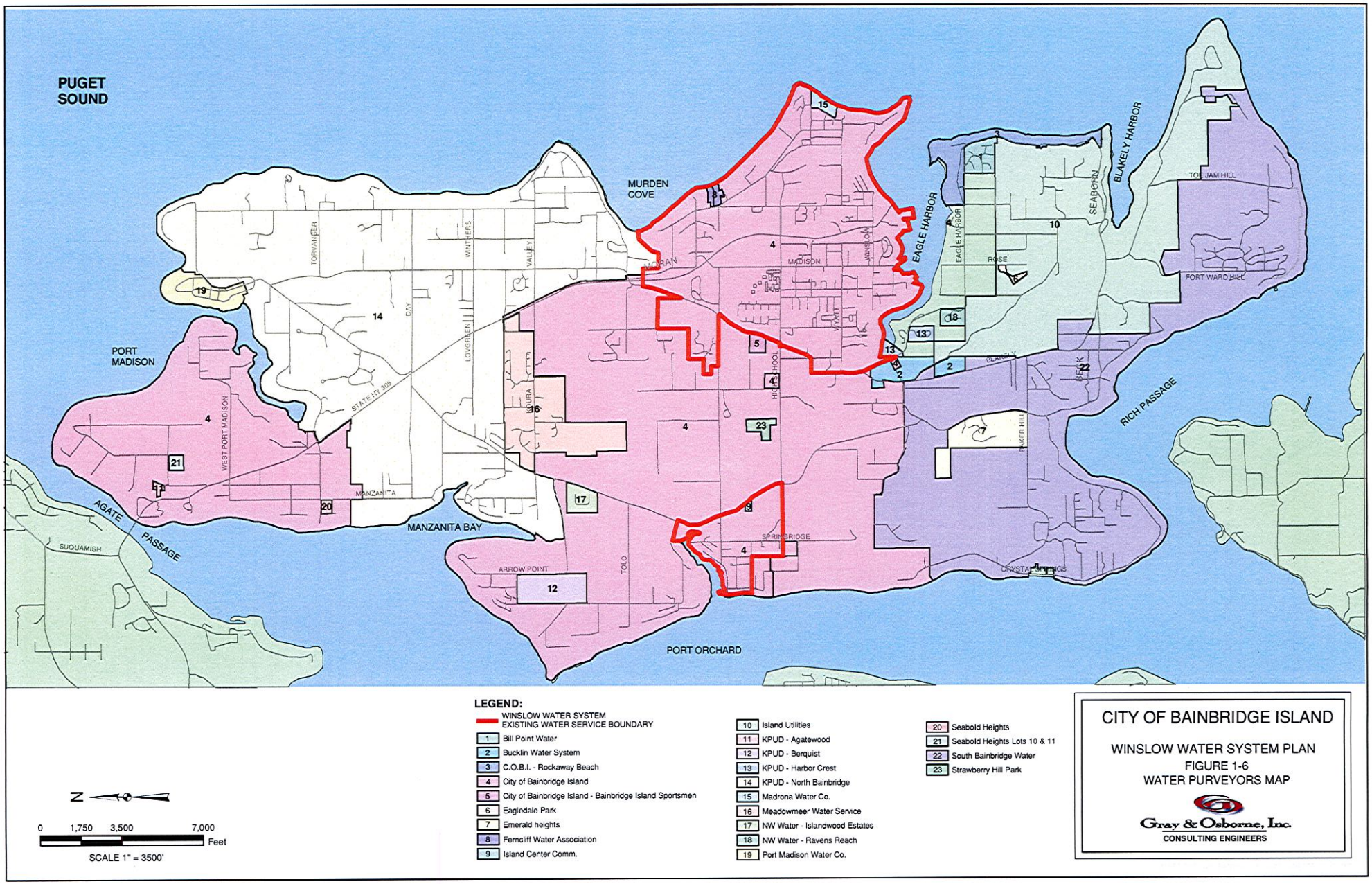
SERVICE AREA CHARACTERISTICS

EXISTING SERVICE AREA

The Winslow Water System existing service area is shown in Figure 1-6. The City of Bainbridge Island city limits encompass the entire island.

FUTURE SERVICE AREA

The City of Bainbridge Island water service area as designated in the *Kitsap County Coordinated Water System Plan* encompasses an area larger than the existing Winslow Water System water service area. Figure 1-6 shows the City of Bainbridge Island water service area as designated in the *Kitsap County Coordinated Water System Plan.* The City does not have any immediate plans to expand the Winslow Water System water service area. Expansion of the water service area is dependent on City policy and the ability of the Winslow Water System source, storage, pumping, and distribution system facilities to provide service to new areas. The City will evaluate the feasibility of expansion on a case-by-case basis.



LEGEND:

WINSLOW WATER SYSTEM EXISTING WATER SERVICE BOUNDARY

1. Bill Point Water
2. Bucklin Water System
3. C.O.B.I. - Rockaway Beach
4. City of Bainbridge Island
5. City of Bainbridge Island - Bainbridge Island Sportsmen
6. Eagledale Park
7. Emerald heights
8. Ferncliff Water Association
9. Island Center Comm.
10. Island Utilities
11. KPUD - Agatewood
12. KPUD - Berquist
13. KPUD - Harbor Crest
14. KPUD - North Bainbridge
15. Madrona Water Co.
16. Meadowmeer Water Service
17. NW Water - Islandwood Estates
18. NW Water - Ravens Reach
19. Port Madison Water Co.
20. Seabold Heights
21. Seabold Heights Lots 10 & 11
22. South Bainbridge Water
23. Strawberry Hill Park

CITY OF BAINBRIDGE ISLAND

WINSLOW WATER SYSTEM PLAN
FIGURE 1-6
WATER PURVEYORS MAP

Gray & Osborne, Inc.
CONSULTING ENGINEERS

SERVICE AREA AGREEMENTS

The City of Bainbridge Island does not have any written service area agreements with adjacent purveyors.

ZONING AND FUTURE LAND USE

City of Bainbridge Island zoning is shown in Figure 1-7. The zoning designations are listed in Table 1-14.

TABLE 1-14
Zoning Designations

Zoning Abbreviation	Zoning Designation	Comments
MUTC/CORE	MUTC/Central Core	Overlay District
Curr Use	Current Use	
MUTC/ERICK	MUTC/Ericksen Avenue	Overlay District
MUTC/GATE	MUTC/Gateway	Overlay District
MUTC/HS-1	High School Road Zone 1	
MUTC/HS-2	High School Road Zone 2	
BI	Business/Industrial	
MUTC/MAD	MUTC/Madison Avenue	Overlay District
NSC	Neighborhood Service Centers	
NSC/R-12	Neighborhood Service Centers/Residential	12 units per acre
R-0.4	R-0.4	1 unit per 2.5 acres
R-1	R-1	1 unit per acre
R-14	R-14	14 units per acre
R-2	R-2	2 units per acre
R-2.9	R-2.9	2.9 units per acre
R-3.5	R-3.5	3.5 units per acre
R-4.3	R-4.3	4.3 units per acre
R-5	R-5	5 units per acre
R-6	R-6	6 units per acre
R-8	R-8	8 units per acre
WD-1	Water Dependent Industrial	
MUTC/FTD	Ferry Terminal	Overlay District

SERVICE AREA POLICIES AND CONDITIONS OF SERVICE

Department of Health has established a list of policies that should be addressed in a water system plan. Table 1-15 provides a list of these policies, definitions, associated City policies, and sources.

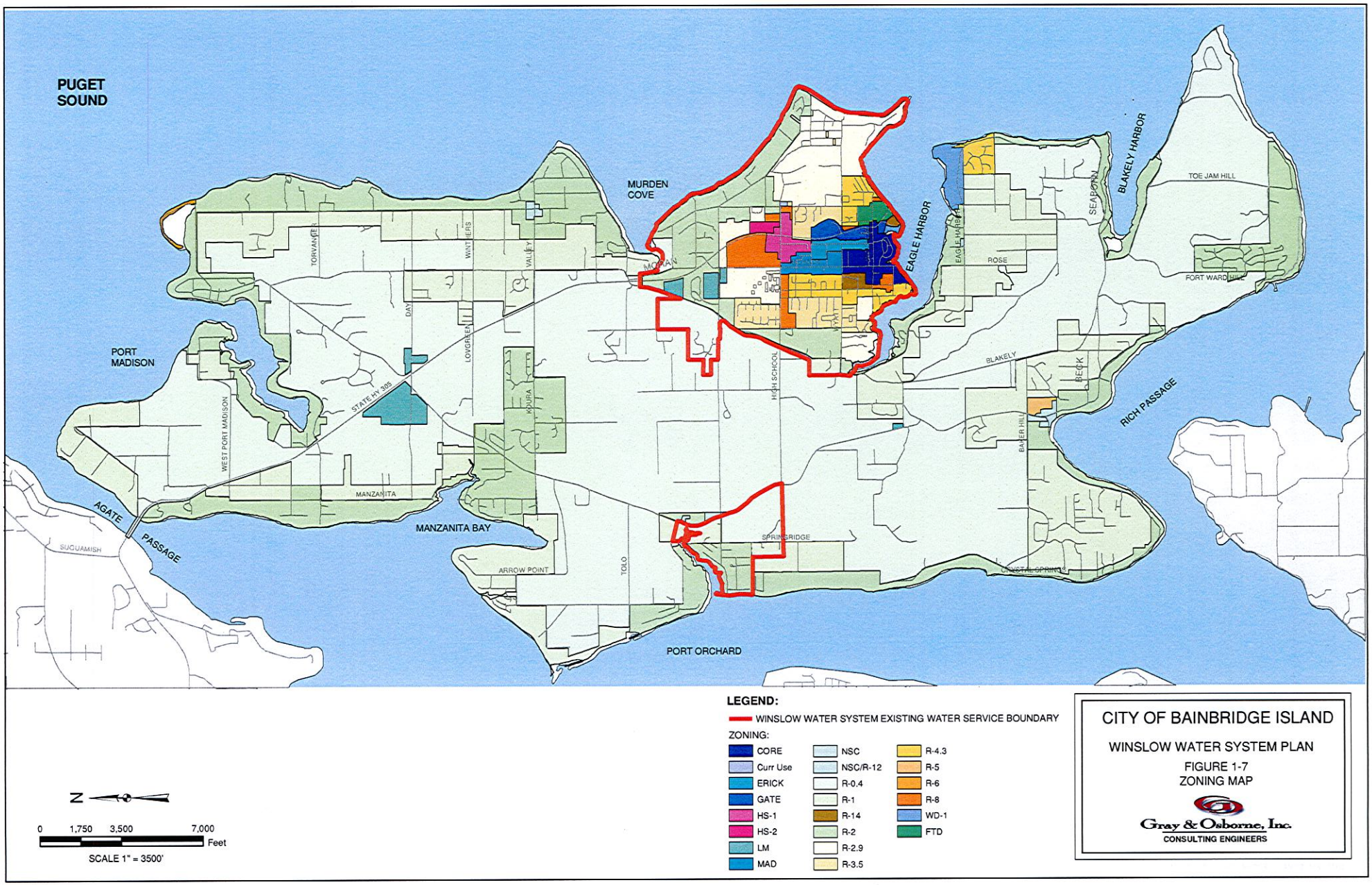
TABLE 1-15

Service Area Policies

DOH Policy Name	Policy Description	City Policy	Source
Wholesaling of Water	Conditions that must be met to obtain a wholesale agreement included in the conditions of service for wholesaling of water.	Not Applicable	
Wheeling of Water	Conditions met for water wheeled to another system, i.e., compatible water quality, engineering, etc	Not Applicable	
Design and Performance Standards Policy	Minimum design and performance standards for new development.	City of Bainbridge Island Design and Construction Specifications	See Appendix D
Direct Connection and Remote System Policy	New developments directly connect to existing water system, or whether satellite systems will be allowed.	The owner of property within the City's present or future water service area as identified in the City's comprehensive plan requiring water service shall not be allowed to install a well if a distance from the property to an existing water main, with capacity to serve the property, is 300 feet or less. The owner of the property shall apply to the City for water service, extend the water main, install hydrants, and connect the property to the City's water system in accordance with this title.	Bainbridge Municipal Code 13.08.050
Surcharge for Outside Customers	City's surcharge for customers outside corporate limits.	Not Applicable	

DOH Policy Name	Policy Description	City Policy	Source
Late-Comer Agreements	Policy on allowing late-comer agreements for those who propose to extend the water system, and provisions of pay back.	An owner desiring to enter into a latecomer reimbursement agreement, for streets or utilities, shall submit to the public works department an application for latecomer reimbursement, on a form prepared by the Public Works Director, with the application for utility extension agreement. The owner also shall submit a latecomer application fee in an amount established by resolution. The owner also shall pay any processing charges established by resolution. Upon compliance with this chapter, an owner who constructs utility improvements pursuant to a utility extension agreement shall receive latecomer reimbursement from owners of real property abutting the utility improvements who: • Did not contribute, in whole or in part, to the original cost of the utility improvements; • Are within the reimbursement area that is established under this chapter; • Have been assessed a reimbursement charge under this chapter; and • Within 15 years after the execution of the latecomer reimbursement agreement, either connect such real property to the water or sewer improvements or use the storm water improvements.	Bainbridge Municpal Code 13.32
Oversizing Policy	City provides funds to install larger than needed facilities to allow for future development, if needed.	If main extension sizing required by the Public Works Director exceeds the minimum allowable extension pipe sizing for the project, the City, acting by and through the Public Works Director, shall reimburse the developer installing the oversized main the differential cost in materials and installation for the greater pipe size. Prior to the installation of the main extension subject to oversizing reimbursement, the developer shall provide the Public Works Director with certified bids for the cost of minimum allowable extension pipe size as installed and the greater pipe size required by the Public Works Director as installed for review and approval by the Public Works Director to determine the differential cost. Additionally, the oversizing reimbursement section may be applied to those situations where the Public Works Director requests an additional length of pipe to be constructed beyond the minimum allowable pipe length required by the project. The City, acting by and through the Public Works Director, shall reimburse the developer for the differential cost of the pipe oversizing within 60 days of the final acceptance of the installed main extension.	Bainbridge Municipal Code 13.18.030

DOH Policy Name	Policy Description	City Policy	Source
Extension Policy	Policy regarding extension of the system, including identity of responsible party. Design standards and payment included in conditions of service.	If extension of an existing water main is required, the owner shall contract with the City or a licensed bonded contractor to have the extension constructed. The owner shall be required to enter into a developer agreement with the City for such main extension. Any and all extensions four inches or greater to the City water main system shall be constructed using ductile iron pipe, class 50 or better. If the City constructs the extension, the owner shall pay the actual cost of the extension plus 25 percent for the City's engineering, inspection, and overhead.	Bainbridge Municipal Code 13.08.030
Cross-Connection Control Program	Policy on regulations of cross-connections, steps if a cross-connection is discovered.	Cross-connections declared in this chapter to be unlawful, whether presently existing or herinafter installed, and/or services requiring backflow prevention devices and/or unlawful use or operations of a private water supply system served by the City public water supply are public nuisances, and, in addition to any other provisions of this code or the ordinances of the City of Bainbridge Island on abatement of public nuisances, shall be subject to abatement in accordance with the following procedure: • In the event that the City Engineer or his designee determines that a nuisance as herein provided does exist, written notice shall be sent to the person in whose name the water service is established under the records of the City of Bainbridge Island, or alternatively, a copy of such written notice shall be posted on the premises served. • The notice shall provide that the nuisance described herein shall be corrected within 30 days of the date the notice is mailed or posted on the premises. • In the event the nuisance is not abated within the prescribed time, water service to the premises shall be discontinued. • In the event that the nuisance, in the opinion of the City Engineer, or his designated representative, presents an immediate danger of contamination to the public water supply, service from the City water supply system to the premises may be terminated without prior notice; provided, however, notice will be posted on the premises in the manner heretofore provided at the time the service is terminated.	Bainbridge Municipal Code 13.20



CITY OF BAINBRIDGE ISLAND

WINSLOW WATER SYSTEM PLAN

FIGURE 1-7
ZONING MAP

Gray & Osborne, Inc.
CONSULTING ENGINEERS

CHAPTER 2
(REVISED DECEMBER 2012)

BASIC PLANNING DATA

INTRODUCTION

This chapter presents basic planning data and water demand forecasts needed to assess the current and future capabilities of the Winslow Water System to provide adequate service. In this chapter, the 2012 Limited Water System Plan Update (2012 Limited Update) provides water demand projections through 2015 using the same format as the 2006 Water System Plan (2006 WSP).

This chapter provides information on the existing population and future population projections. This population data along with historical water production and consumption information for the period of 2006 through 2011 provides the basis for future projections. Included is information on water use data and water demand associated with the planning element known as an equivalent residential unit (ERU). The information developed is compared with data covering the period of 1999 through 2004 data as reported in the 2006 WSP.

CURRENT WATER SYSTEM DEMANDS

HISTORICAL CITY POPULATION

The Washington State Office of Financial Management (OFM) intermediate growth rate projection for the City of Bainbridge Island for the period of 2005 through 2025 is 1.39 percent. Based on 2010 census data and Puget Sound trends from the OFM, the annual population growth rate for the entire City for the period of 2010 through 2012 is expected to average 0.14 percent. This information is shown in Table 2-1. Both of these projections are lower than the 3.2 percent population growth rate for the City that was reported in the 2006 WSP for the period of 1995 through 2004.

TABLE 2-1

City of Bainbridge Island Historical Population

Year	Population	Annual Growth Rate
2010	23,025	
2011	23,030	0.02%
2012	23,090	0.26%
Average Annual Growth Rate		**0.14%**

Source: 2010 Census and Office of Financial Management (OFM).

WATER SERVICE AREA POPULATION

Based on information from the City of Bainbridge Island Planning and Community Development Department (PCD), the population growth for the Winslow Water System service area is projected to average 0.83 percent for the time period of 2010 through 2015 and average 0.90 percent for the time period of 2010 through 2020. This projection was made by applying OFM intermediate growth projections to the Winslow Water System geographical service area. This information is shown in Table 2-2.

TABLE 2-2

Winslow Water System Service Area Population Projection

Year / Time Period	Population	Average Growth Rate
2010	8,065	
2010 - 2015	8,400	0.83%
2010 - 2020	8,780	0.90%

Source: Planning and Community Development Department.

WATER SERVICE CONNECTIONS, PRODUCTION, AND CONSUMPTION

Water Service Connections

Table 2-3 shows water service connections by customer class for the period of 2006 through 2011. During this period an average of 14 water service connections were added to the system each year. This corresponds to an average annual growth rate of 0.6 percent.

TABLE 2-3

2006 – 2011 Water System Connections

Customer Type	2006	2007	2008	2009	2010	2011
Single Family Residential	1,893	1,911	1,927	1,928	1,938	1,935
Multi-Family Residential	88	93	94	93	92	93
Commercial	189	200	205	208	209	207
Government	27	27	28	28	28	28
Irrigation	56	58	58	59	60	61
Other	8	6	6	6	6	6
Total	2261	2295	2318	2322	2333	2330
Annual Growth Rate		**1.5%**	**1.0%**	**0.2%**	**0.5%**	**-0.1%**
				Average Annual Growth Rate		**0.6%**

For comparison, Table 2-4 shows water service connections by customer class for the period of 1999 through 2004 as reported in the 2006 WSP. During this period an average of 72 water service connections were added to the system each year. This corresponds to an average annual growth rate of 3.8 percent.

TABLE 2-4

1999 – 2004 Water System Connections

Customer Type	1999	2000	2001	2002	2003	2004
Single Family Residential	1,448	1,530	1,580	1,636	1,728	1,789
Multi-Family Residential	74	75	76	79	82	84
Commercial	176	178	181	182	183	186
Government	35	35	35	35	35	35
Irrigation	41	41	41	41	41	41
Other	4	4	4	4	4	4
Total	1,778	1,863	1,917	1,977	2,073	2,139
Annual Growth Rate		**4.8%**	**2.9%**	**3.1%**	**4.9%**	**3.2%**
				Average Annual Growth Rate		**3.8%**

Historical Water Production

The 2006 WSP relied on the data set of 1999 through 2004. Since the 2006 WSP was completed a number of changes have been made to improve the accuracy of water production data. The Sands Avenue, Head of the Bay, and Commodore well sites have well meters that measure production from individual wells. The Sands Avenue, Fletcher Bay, and Head of the Bay well sites have site meters that measure total production of all the wells at each site after treatment.

These meters are tested every 1 – 2 years for accuracy by pumping into and out of clear wells with known dimensions. Regular testing has shown the well site meters tend to over-register production while the individual well meters are typically within the expected range of accuracy. Prior to replacement in 2008, the Head of the Bay well site meter over-registered production by as much as 20%. Replacement of some well site meters has improved their overall accuracy, however due to physical limitations for meter installations within the control buildings, they generally over-register production and are not as accurate as the individual well meters.

For daily and monthly monitoring purposes the well site meters are used because they are located in the control buildings and do not require confined space entry. The well site meters were used for production reporting in the 2006 WSP, thus production was skewed high during the 1999 through 2004 period. The individual well meters are read once monthly for very accurate production reporting including the annual Water Use Efficiency report and this 2012 Limited Update.

Based on well meter readings, Table 2-5 provides a summary of the total volume of water produced by each source for the period of 2006 through 2011. During this period there was an average annual decrease in production of 2.1 percent.

TABLE 2-5

2006 – 2011 Water Production by Source

Source	Total Annual Production (million gallons)					
	2006	2007	2008	2009	2010	2011
HOB #1A	16.741	10.097	4.892	14.490	14.624	13.388
HOB #1	0.155	0.633	1.249	3.190	3.305	3.207
HOB #2	23.901	13.257	6.497	19.399	20.248	19.311
HOB #3	1.640	0.183	2.787	0.503	0.014	0.342
HOB #4	0.474	0.654	4.165	12.908	13.219	11.153
HOB #5	1.567	1.449	4.500	12.974	13.675	12.250
HOB #6	0.429	1.199	3.498	6.888	0.578	0.823
Fletcher Bay	62.608	102.157	93.020	64.888	73.192	60.083
Sands #1	64.542	50.951	50.668	47.618	37.254	44.492
Sands #2	68.173	53.355	52.493	49.508	39.210	51.620
Commodore	1.339	0.684	0.574	0.810	0.132	0.009
Total	241.569	234.619	224.343	233.176	215.451	216.678
Growth Rate		**-2.9%**	**-4.4%**	**3.9%**	**-7.6%**	**0.6%**
				Average Annual Growth Rate		**-2.1%**

HOB = Head of the Bay.

For comparison, based on well site meter readings, Table 2-6 provides a summary of the total volume of water produced by each source for the period of 1999 through 2004 as reported in the 2006 WSP. As previously discussed, production for this period is skewed high by the well site meters. This period also included numerous water system flushing events to support heavy construction activities and address water quality concerns. During this period there was an average annual increase in production of 3.6 percent.

TABLE 2-6

1999 – 2004 Water Production by Source

Source	Total Annual Production (million gallons)					
	1999	2000	2001	2002	2003	2004
HOB	61.8	63.5	42.7	60.3	79.5	73.6
Fletcher Bay	79.6	80.9	89.6	97.4	93.7	87.9
Sands	86.4	109.2	93.5	110.8	110.4	105.4
Commodore	9.5	9.6	9.8	9.7	9.4	9.1
Total	237.3	263.2	235.6	278.2	293.0	276.0
Growth Rate		**10.9%**	**-10.5%**	**18.1%**	**5.3%**	**-5.8%**
Average Annual Growth Rate						**3.6%**

HOB = Head of the Bay.

Table 2-7 provides a summary of average day and maximum day production for the period of 2006 through 2011. The average peak day to average day peaking factor for this period is 1.9. This figure is used to calculate future peak day production requirements through 2015.

TABLE 2-7

2006 – 2011 Average and Maximum Day Production

Year	Total Average Day Production (gpd)	Total Maximum Day Production (gpd)	Peaking Factor
2006	661,833	1,242,548	1.9
2007	642,792	1,396,290	2.2
2008	614,638	941,483	1.5
2009	638,838	1,368,581	2.1
2010	590,279	1,170,645	2.0
2011	593,638	841,286	1.4
Average Annual Peaking Factor			**1.9**

For comparison, Table 2-8 provides a summary of average day and maximum day production for the period of 1999 through 2004. The average peak day to average day peaking factor for this period was 2.2. This figure was used in the 2006 WSP to project future peak day production requirements.

TABLE 2-8

1999 – 2004 Average and Peak Day Production

Year	Total Average Day Production (gpd)	Total Maximum Day Production (gpd)	Peaking Factor
1999	649,969	1,568,000	2.4
2000	721,109	1,737,000	2.4
2001	645,365	1,290,400	2.0
2002	762,330	1,577,000	2.1
2003	802,735	1,761,000	2.2
2004	755,761	1,594,000	2.1
Average Annual Peaking Factor			**2.2**

Consumption History

Table 2-9 shows water consumption by customer class for the period of 2005 through 2011. During this period there has been an average annual decrease in water consumption of 1.6 percent.

TABLE 2-9

2006 – 2011 Metered Consumption by Customer Class

Customer Type	Total Water Consumption (gallons per day)					
	2006	2007	2008	2009	2010	2011
Single-Family Residential	329,725	305,641	291,536	308,418	274,953	273,272
Multi-Family Residential	98,531	110,724	112,339	115,424	112,798	116,635
Commercial	114,766	108,554	102,251	104,296	110,790	106,589
Government	34,291	33,500	30,260	37,494	34,926	33,730
Irrigation	31,937	32,605	27,176	32,695	26,782	28,817
Other	6,300	6,197	5,025	5,064	5,256	5,798
Total	615,548	597,222	568,587	603,390	565,506	564,840
Growth Rate		**-3.0%**	**-4.8%**	**6.1%**	**-6.3%**	**-0.1%**
Average Annual Growth Rate						**-1.6%**

For comparison, Table 2-10 shows water consumption by customer class for the period of 1999 through 2004 as reported in the 2006 WSP. During this period there was an average annual increase in water consumption of 4.8 percent.

TABLE 2-10

1999 – 2004 Metered Consumption by Customer Class

Customer Type	Total Water Consumption (gallons per day)					
	1999	2000	2001	2002	2003	2004
Single-Family Residential	269,223	293,876	279,484	323,075	367,172	359,247
Multi-Family Residential	98,008	100,277	99,464	99,023	106,286	87,903
Commercial	115,026	118,426	112,018	115,524	133,058	117,217
Government	13,386	20,284	62,904	47,192	45,603	37,789
Irrigation	22,032	21,956	17,565	40,691	38,755	47,005
Other	4,754	6,740	6,761	7,896	6,841	6,449
Fire District	0	1,340	1,234	1,473	1,992	0
Total	522,430	562,900	579,427	634,874	699,706	655,611
Growth Rate		**7.7%**	**2.9%**	**9.6%**	**10.2%**	**-6.3%**
				Average Annual Growth Rate		**4.8%**

High Water Consumption Customer Accounts

Table 2-11 provides a summary of high water consumption customer accounts and their equivalent residential units (ERUs). The table shows the fifteen largest water users for 2004 in order from high to low. These accounts are compared with their 2011 consumption and the consumption change is shown. For these accounts the reduction in water consumption ranged from 2 through 47 percent in this comparison. No accounts increased their water consumption in this comparison.

The table also shows a number of high water consumption accounts for 2011 that were not included in the 2004 summary.

TABLE 2-11

High Water Consumption Customer Accounts

Customer Account	2004		2011		Usage Change	
	Average Usage (gpd)	ERUs[1]	Average Usage (gpd)	ERUs[2]	(gpd)	Percent
Island Health Center	13,640	68	7,250	51	(6,390)	47%
Bainbridge School District	13,595	68	7,716	55	(5,879)	43%
Bainbridge Island Parks	12,232	61	10,212	72	(2,020)	17%
Winlsow Arms	9,818	49				
Bainbridge School District	8,195	41	4,750	34	(3,445)	42%
Safeway	7,357	37	4,756	34	(2,601)	35%
Bainbridge School District	5,953	30	4,060	29	(1,893)	32%
Madison Avenue Real Estate	5,535	28	4,332	31	(1,203)	22%
Eagle Harbor Condominiums	5,285	26				
Winslow Green	5,052	25	4,283	30	(769)	15%
Town and Country Market	4,302	21	3,488	25	(814)	19%
Rhododendron Apartments	4,142	21	3,967	28	(175)	4%
Joshua Green Corporation	4,119	21				
Western View Terrace Apts	4,041	20	3,965	28	(76)	2%
Madison Retirement Center	4,023	20	3,853	27	(170)	4%
Harbor Square HOA			8,630	61		
Islander Residents			5,181	37		
Edgewood Villa Associates			4,537	32		
Wyatt House Retirement			3,750	27		
City of Bainbridge Island			3,590	25		
Island Apartments			3,537	25		

(1) Based on 2004 value of 200.8 gpd/ERU.
(2) Based on 2011 value of 141.2 gpd/ERU.

Distribution System Leakage

Distribution System Leakage (DSL) = Total Production – Authorized Consumption.

Total production equals metered source water production. Authorized water consumption is the volume of water authorized for use by the water system. This includes both authorized metered consumption as well as authorized tracked and estimated consumption. Metered consumption is

tracked through customer service meters. Authorized uses that are tracked and estimated are subtracted when calculating DSL. Examples of unmetered authorized uses that are tracked for the Winslow Water System include annual water main flushing, new water main construction flushing, fire flow testing, and maintenance activities such as clear well cleaning.

All water that is not authorized consumption is considered DSL. DSL includes both apparent and real losses. Apparent losses include water theft, meter inaccuracies, meter reading errors, and data collection errors. Real losses are physical losses from the distribution system including reservoir overflows, water main breaks, and water main leaks.

As previously discussed, since the 2006 WSP was completed a number of changes have been made to improve the accuracy of water production data. Water production for very accurate reporting is based on well meters. Procedures have also been implemented to estimate authorized unmetered consumption with a reasonable level of accuracy. In addition to these improvements several water main upgrades have been completed and use of fire hydrants for construction is severely limited. These factors combine to show a significant reduction in water production and water loss between the 2006 WSP and the 2012 Limited Update.

Authorized unmetered consumption was documented in 2002, 2010, and 2011. For these years field estimates were made for water main flushing, hydrant flow tests, construction flushing, and authorized maintenance activities based on estimated flow rate and duration. For 2002 the documented authorized unmetered consumption estimate is 5,616,884 gallons. During this year there was considerable construction activity as well as a high level of distribution system flushing activity to address water quality concerns. Authorized unmetered consumption was not factored into water loss calculations in the 2006 WSP.

For 2010 the documented authorized unmetered consumption estimate is 1,895,216 gallons. This would be considered a normal base year with a single annual distribution system flushing event and average construction activities. For 2011 the documented unmetered consumption estimate is 2,853,564 gallons. In addition to regular annual distribution system flushing, during this year there was considerable flushing activity related to construction. Based on this information, for the 2012 Limited Update, the authorized unmetered consumption is conservatively estimated at 1,000,000 gallons annually for the years 2006 through 2009. For 2010 and 2011 the documented annual estimates of 1,895,216 and 2,853,564 gallons are used.

Based on well meters, Table 2-12 shows total water production, authorized consumption, and distribution system leakage for the period of 2006 through 2011. As shown, distribution system leakage ranged from a high of 7.0 percent in 2008 to a low of 3.3 percent in 2010. During this period the average annual distribution system leakage was 5.4 percent. This figure is used to calculate future production requirements through 2015.

TABLE 2-12
2006 – 2011 Distribution System Leakage

Distribution System Leakage (gallons per day)						
Year	Production	Consumption			Leakage	
		Metered	Estimated	Total	(gpd)	%
2006	661,833	615,548	2,740	618,288	43,545	6.6%
2007	642,792	597,222	2,740	599,961	42,830	6.7%
2008	614,638	568,587	2,740	571,326	43,312	7.0%
2009	638,838	603,390	2,740	606,130	32,709	5.1%
2010	590,277	565,506	5,192	570,699	19,578	3.3%
2011	593,638	564,840	7,732	572,572	21,066	3.5%
Average Annual Distribution Leakage						**5.4%**

For comparison, based on well site meters, Table 2-13 shows total water production, authorized consumption, and distribution system leakage for the period of 1999 through 2004 as reported in the 2006 WSP. During this period production was skewed high by the well site meters and estimated consumption was not factored into distribution loss calculations. As shown, the reported distribution system leakage ranged from a high of 21.9 percent in 2000 to a low of 10.2 percent in 2001. The reported average annual distribution system leakage was 15.8 percent. The 2006 WSP used 15 percent to calculate distribution system leakage and project future production requirements.

TABLE 2-13
1999 – 2004 Distribution System Leakage

Distribution System Leakage (gallons per day)						
Year	Production	Consumption			Leakage	
		Metered	Estimated	Total	(gpd)	%
1999	649,969	522,429		522,429	127,540	19.6%
2000	721,109	562,899		562,899	158,210	21.9%
2001	645,365	579,430		579,430	65,935	10.2%
2002	762,330	634,874		634,874	127,456	16.7%
2003	802,735	699,707		699,707	103,028	12.8%
2004	755,761	655,610		655,610	100,151	13.3%
Average Annual Distribution Leakage						**15.8%**

EQUIVALENT RESIDENTIAL UNITS

The concept of equivalent residential units (ERUs) is a way to express water use by non-residential customers as an equivalent number of residential customers. ERUs are calculated by dividing the total volume of water utilized in the single-family residential (SFR) customer class by the total number of active SFR connections. This number defines the average SFR water use. The volume of water used by other customer classes is divided by the average SFR water use to determine the number of ERUs utilized by other customer classes.

Table 2-14 shows the daily water consumption, number of service connections, and ERU values for the average SFR in the Winslow Water System for the period of 2006 through 2011. As shown, the ERU values range from a high of 174.2 gpd in 2006 to a low of 141.2 gpd in 2011. The average value for this period is 154.7 gpd/ERU. The value of 155 gpd/ERU is used to calculate future production requirements through 2015.

TABLE 2-14

2006 – 2011 Equivalent Residential Units

	2006	2007	2008	2009	2010	2011
SFR Consumption (gpd)	329,725	305,641	291,536	308,418	274,953	273,272
SFR Service Connections	1,893	1,911	1,927	1,928	1,938	1,935
ERU Value (gpd/SFR)	**174.2**	**159.9**	**151.3**	**160.0**	**141.9**	**141.2**
					Average Annual ERU Value	**154.7**

For comparison, Table 2-15 shows the daily water consumption, number of service connections, and ERU values for the average SFR in the Winslow Water System for the period 1999 through 2004 as reported in the 2006 WSP. As shown, the ERU values range from a high of 212.5 gpd in 2003 to a low of 176.9 gpd in 2001. The average value for this period was 194.3 gpd. The 2006 WSP used 205 gpd/ERU to calculate future production requirements based on average of 2002 thru 2004 values.

TABLE 2-15

1999 – 2004 Equivalent Residential Units

	1999	2000	2001	2002	2003	2004
SFR Consumption (gpd)	269,223	293,876	279,484	323,075	367,172	359,247
SFR Service Connections	1,448	1,530	1,580	1,636	1,728	1,789
ERU Value (gpd/SFR)	**185.9**	**192.1**	**176.9**	**197.5**	**212.5**	**200.8**
					Average Annual ERU Value	**194.3**

Table 2-16 shows the number of ERUs by customer class for the year 2011 based on the value of 141.2 gpd/ERU.

TABLE 2-16
2011 Equivalent Residential Units

Customer Type	Number of Connections	Average Consumption (gpd)	ERUs[1]	ERUs Per Connection
Single-Family Residential	1,935	273,272	1935	1.0
Multi-Family Residential	93	116,635	826	8.9
Commercial	207	106,589	755	3.6
Government	28	33,730	239	8.5
Irrigation	61	28,817	204	3.3
Other	6	5,798	41	6.8
Total	**2,330**	**564,840**	**4,000**	

(1) Based on 2011 value of 141.2 gpd/ERU

For comparison, Table 2-17 shows the number of ERUs by customer class for the year 2004 based on the value of 200.8 gpd/ERU as reported in the 2006 WSP.

TABLE 2-17
2004 Equivalent Residential Units

Customer Type	Number of Connections	Average Consumption (gpd)	ERUs[1]	ERUs Per Connection
Single-Family Residential	1,789	359,247	1,789	1.0
Multi-Family Residential	84	87,903	438	5.2
Commercial	186	117,217	584	3.1
Government	35	37,789	188	5.4
Irrigation	41	47,005	234	5.7
Other	4	6,449	32	8.0
Total	**2,139**	**655,610**	**3,265**	

(1) Based on 2004 value of 200.8 gpd/ERU

FUTURE POPULATION AND WATER DEMANDS

Water Demand Projections

Table 2-18 summarizes the average annual growth projections and historical trends previously reviewed. The table shows that during the period of 2006 through 2011 both water production and consumption have decreased while water system connections have increased at an average annual rate of 0.6 percent. The highest average annual growth projection is 1.39 percent for the City of Bainbridge Island population for the period of 2005 through 2025.

TABLE 2-18
2011 Limited Update
Growth Projections and Historical Trends

Period	Growth Projections and Historical Trends	Growth
2005 - 2025	City of Bainbridge Island Population	1.39%
2010 - 2012	City of Bainbridge Island Population	0.14%
2010 - 2015	Winslow Water System Population	0.83%
2010 - 2020	Winslow Water System Population	0.90%
2006 - 2011	Winlsow Water System Connections	0.6%
2006 - 2011	Winlsow Water System Production	-2.1%
2006 - 2011	Winlsow Water System Consumption	-1.6%

For comparison, Table 2-19 shows the Growth Projections and Historical trends for the period of 1999 through 2004. The current growth trends are lower than the long term projections or the growth spurt the City experienced between 1995 and 2004. Additionally, the 50 percent growth targeted for the Winslow Master Planning area which is entirely within the Winlsow Water System service area has not come to fruition. A conservative measure of one percent is used to calculate future water production demand through 2015.

TABLE 2-19
2006 WSP
Growth Projections and Historical Trends

Period	Growth Projections and Historical Trends	Growth
1995 - 2004	City of Bainbridge Island Population	3.2%
1999 - 2004	Winlsow Water System Connections	3.8%
1999 - 2004	Winlsow Water System Production	3.6%
1999 - 2004	Winlsow Water System Consumption	4.8%

Table 2-20 compares water demand projection factors used to project future average day, maximum day, and peak hour production requirements based on the period of 2006 through 2011 for the 2012 Limited Update and the period of 1999 through 2004 for the 2006 WSP. Tables 2-21 through 2-24 show the results of these factors on average day, maximum day, and peak hour production requirements. By comparing these tables it can be seen that the water demand projection factors used in the 2006 WSP combine to overestimate the water production requirements for the period of 2012 through 2015.

TABLE 2-20
Water Demand Projection Factors

	2012 Limited Update	2006 WSP
Base Period	2006 - 2011	1999 - 2004
Projected Annual Growth Rate %	1.0%	3.8%
ERU Value (gpd/ERU)	155	205
Distribution System Leakage	5.4%	15%
Maximum Day Demand Factor	1.9	2.2
Peak Hour Demand Factor	1.7	1.7

Table 2-21 shows the projected number of ERUs, water consumption, distribution leakage, and total production requirements for the Winslow Water System for the period of 2012 through 2015. In the table the 1.0 percent annual growth projection is applied to the existing number of ERUs to project future ERUs. The average ERU value of 155 gpd is then applied to the number of ERUs to project water consumption. The distribution system leakage rate of 5.4 percent is then added to estimate the total projected average day production requirement.

TABLE 2-21
2011 Limited Update
Projected Average Day Production Requirements

Year	Projected ERUs[1]	Projected Water Consumption (gpd)[2]	Projected Distribution Leakage (gpd)[3]	Total Projected Production Requirements (gpd)
2012	4,040	626,200	35,750	661,950
2013	4,080	632,462	36,107	668,569
2014	4,121	638,787	36,468	675,255
2015	4,162	645,174	36,833	682,007

(1) Projection based on an average annual growth rate of 1.0%.
(2) Calculation based on 155 gpd/ERU.
(3) Distribution leakage estimated at 5.4% of projected production.

For comparison, Table 2-22 is based on water demand factors developed during the 2006 WSP and projected forward to the period of 2012 through 2015. The basis for the table includes 3,265 ERUs for the year 2004, an annual growth rate of 3.8 percent, an ERU value of 205 gpd, and a distribution system leakage rate of 15 percent.

TABLE 2-22
2006 WSP
Projected Average Production Requirements

Year	Projected ERUs[1]	Projected Water Consumption (gpd)[2]	Projected Distribution Leakage (gpd)[3]	Total Projected Production Requirements (gpd)
2012	4,361	894,008	157,738	1,051,745
2013	4,527	927,980	163,732	1,091,712
2014	4,699	963,243	169,954	1,133,197
2015	4,877	999,846	176,412	1,176,258

(1) Projection based on an average annual growth rate of 3.8%.

(2) Calculation based on 205 gpd/ERU.

(3) Distribution leakage is estimated at 15% of the projected production.

Peak Water Demand

Table 2-7 shows the maximum day production for the Winslow Water System averaged 1.9 times the average day production for the period of 2006 through 2011. This peaking factor is used to project maximum day production requirements through 2015. For comparison, Table 2-8 shows the maximum day production for the Winslow Water System averaged 2.2 times the average day production for the period of 1999 through 2004. This peaking factor was used in the 2006 WSP to project maximum day production requirements.

The maximum quantity of water produced over a one-hour period during a maximum day demand is the peak hour demand. Precise records of peak hour demand for the Winslow Water System are not available; therefore, the peak hour demand is expressed in terms of a peaking factor. The peaking factor is defined as the ratio of peak hour to the maximum day demand. It is generally accepted that peak hour factors range from 1.5 to 2.5. The DOH *Water System Design Manual* provides a methodology for calculating peak hour demand (PHD). This equation has been developed to be consistent with the maximum instantaneous demand values which were presented in previous editions of the State of Washington's design guidance manuals ("Red Book of 1978" and "Blue Book of 1984"). The equation has also been structured to accommodate the ranges of peak hourly to maximum daily demand ratios reported as a function of system size in the literature and by various water systems in Washington. The generalized equation is shown on the following page.

PHD = (MDD/1440) [(C) (N) + F] + 18

PHD = Peak Hourly Demand, gallons per minute, gpm
C = coefficient associated with ranges of ERUs from DOH Table 5-1
N = number of service connections, ERUs
F = factor associated with ranges of ERUs from Table 5-1
MDD = maximum day demand, (gpd/ERU)

The values for C and F of the peak hour demand formula are taken from the DOH *Water System Design Manual*, Table 5-1, page 5-8. C is equal to 1.6 and F is equal to 225. Based on the 2004 and 2011 maximum day demand and total number of ERUs and the above formula, the maximum day to peak hour factor for the Winslow Water System for 2004 and 2011 is approximately 1.7. This value is used in both the 2006 WSP and the 2012 Limited Update to project peak hour demand.

Based on the peak day factor of 1.9 and the peak hour factor of 1.7, Table 2-23 shows the projected average day, maximum day, and peak hour production requirements for the Winslow Water System for the period of 2012 through 2015.

TABLE 2-23
2012 Limited Update
Projected Average Day, Maximum Day, and Peak Hour Production Requirements

Year	Projected Average Day Production Requirements (gpd) [1]	Projected Maximum Day Production Requirements (gpd) [2]	Projected Peak Hour Production Requirements (gpm) [3]
2012	661,950	1,257,705	1,485
2013	668,569	1,270,282	1,500
2014	675,255	1,282,984	1,515
2015	682,007	1,295,814	1,530

(1) From Table 2-21.

(2) Projected Maximum Day Demand is based on an average day to maximum day peaking factor of 1.9

(3) Projected Peak Hour Demand is based on a maximum day to peak hour peaking factor of 1.7

For comparison, Table 2-24 is based on water demand projection factors developed during the 2006 WSP and projected forward to the period of 2012 through 2015. The basis for the table includes 3,265 ERUs for the year 2004, an annual growth rate of 3.8 percent, an ERU value of 205 gpd, a distribution system leakage rate of 15 percent, a maximum day factor of 2.2, and a peak hour factor of 1.7.

TABLE 2-24
2006 WSP
Projected Average Day, Maximum Day, and Peak Hour Production Requirements

Year	Projected Average Day Production Requirements (gpd) [1]	Projected Maximum Day Production Requirements (gpd) [2]	Projected Peak Hour Production Requirements (gpm) [3]
2012	1,051,745	2,313,840	2,732
2013	1,091,712	2,401,766	2,835
2014	1,133,197	2,493,033	2,943
2015	1,176,258	2,587,768	3,055

(1) From Table 2-22.

(2) Projected Maximum Day Demand is based on an average day to maximum day peaking factor of 2.2.

(3) Projected Peak Hour Demand is based on a maximum day to peak hour peaking factor of 1.7.

CHAPTER 3
(REVISED DECEMBER 2012)

SYSTEM ANALYSIS

INTRODUCTION

Water system planning includes an analysis of the ability of the water utility to meet minimum level of service standards for existing and future customers. In this chapter, design standards are presented that identify criteria that are applicable to the Winslow Water System. A facility analysis then compares existing system facilities and projected water demand to these design standards. Based on this comparison, the capacity of the water system and its ability to meet standards is assessed.

SYSTEM DESIGN AND CONSTRUCTION STANDARDS

The City of Bainbridge Island has adopted water system design and construction standards. These standards set forth the actual materials and construction standards that contractors, developers, and the City must follow when constructing improvements to the Winslow Water System. City standards are included in Appendix D. The basis for these standards is discussed below.

Washington State Department of Health (DOH) and other agencies have developed various reference publications that provide a foundation for water system planning and design. The following gives a brief description of three of the most widely recognized reference publications.

WAC 246-290, Group A Public Water Systems, Washington State Board of Health (July 2004)
This is the primary drinking water regulation utilized by the DOH to assess capacity, water quality, and overall compliance with drinking water standards.

Water System Design Manual (WSDM), Washington State Department of Health (DOH) (December 2009)
Significant revisions to the former DOH Sizing Guidelines have recently been adopted. These standards serve as guidance for the preparation of plans and specifications for Group A public water systems in compliance with WAC 246-290.

Recommended Standards for Water Works (RSWW), A Committee Report of the Great Lakes - Upper Mississippi River Board of State Public Health and Environmental Managers (1997)
Commonly known as the Ten States Standards, this document formalizes the design standards recommended by a water supply committee representing ten Midwestern and Upper Great Lake States and the Province of Ontario. The report of the Water Supply Committee was first published in 1953, and subsequently revised and published in 1962, 1968, 1976, 1982, 1992, and 1997. The report presents recommendations for both design

and construction standards; however, the construction standards are somewhat general in nature with minor emphasis on materials specifications. Since surface water treatment is quite common in the Midwest and Upper Great Lakes, the Committee report tends to concentrate on water treatment plant design and operation.

Performance and design criteria typically address the sizing and reliability requirements for source, storage, distribution, and fire flow. WAC 246-290 contains general criteria and standards that must be followed in development of public water systems. In addition, the DOH *2009 Water System Design Manual* provides more specific guidance for water system design. Table 3-1 lists the suggested DOH Water System Design Manual guidance and the related City of Bainbridge Island policy with regard to each requirement.

TABLE 3-1
General Facility Requirements

Standard	DOH Water System Design Manual (December 2009)	City of Bainbridge Island Standard
Average Day and Maximum Day Demand	Average Day Demand (ADD) should be determined from metered water use data. Maximum Day Demand (MDD) is estimated at approximately 2.0 times the average day demand if metered data is not available.	ADD = metered production data. MDD = ADD x 1.9 peaking factor based on historical production records.
Peak Hour Demand	Peak hour demand is determined using the following equation: PHD = (MDD/1440)[(C)(N) + F] + 18 C = Coefficient from DOH Table 5-1 N = Number of connections, ERUs F = Factor of range from Table 5-1	Peak hour demand was calculated using the DOH formula.
Source	Capacity must be sufficient to meet MDD and replenish fire suppression storage in 72 hours.	Same as DOH Water System Design Manual, Chapter 7.
Storage	The sum of: Operational Storage Equalizing Storage $V_{ES} = (Q_{PH} - Q_S) * 150$ Standby Storage $V_{SB} = (2 * ADD * N) - t_m * (Q_S - Q_L)$ Fire Suppression Storage $V_{FSS} = NFF * T$ ADD = average day demand, gpd/ERU N = number of ERU's Q_{PH} = peak hour demand, gpm Q_S = capacity of all sources, excluding emergency sources, gpm Q_L = capacity of largest source, gpm t_m = daily pump source run time, min. (1440) NFF = needed fire flow, gpm T = fire flow duration, min	Same as DOH Water System Design Manual, using the formulas provided in the manual, Chapter 9.
Minimum System Pressure	The system should be designed to maintain a minimum of 30 psi in the distribution system under peak hour demand and 20 psi under fire flow conditions during MDD.	Same as DOH Water System Design Manual, Chapter 8.

Standard	DOH Water System Design Manual (December 2009)	City of Bainbridge Island Standard
Fire Flow Standard	The minimum fire flow shall be determined by the local fire authority or WAC 246-293 for systems within a critical water supply service area (CWSSA).	The City of Bainbridge Island's flow requirements were determined by the City's Fire Marshal. Bainbridge Island Municipal Code 13.10.065 and Appendix B IFC 2003
Minimum Pipe Sizes	The diameter of a transmission line shall be determined by hydraulic analysis. The minimum size distribution system line shall not be less than 6-inches in diameter.	Same as DOH Water System Design Manual, Chapter 8.
Reliability Recommen-dations	• Sources capable of supplying MDD within an 18-hour period • Sources meet ADD with largest source out of service • Back-up power equipment for pump stations unless there are two independent public power sources • Provision of multiple storage tanks • Standby storage equivalent to ADD x 2, with a minimum of 200 gpd/ERU • Low and high level storage alarms • Looping of distribution mains when feasible • Pipeline velocities not > 8fps at PHD • Flushing velocities of 2.5 fps for all pipelines	Same as DOH Water System Design Manual, Chapter 5.
Valve and Hydrant Spacing	Sufficient valving should be placed to keep a minimum of customers out of service when water is turned off for maintenance or repair. Fire hydrants on lateral should be provided with their own auxiliary gate valve.	Valve and hydrant standards are outlined in the City of Bainbridge Island Design and Construction Standards and Specifications.

SYSTEM COMPONENT ANALYSIS

SOURCE OF SUPPLY ANALYSIS

A description of the source of supply for the Winslow Water System was presented in Chapter 1. According to DOH design standards, source production capacity must be sufficient to supply maximum day demands. Maximum day and average day demands must also comply with the maximum instantaneous and maximum annual withdrawal limitations of associated water rights.

Water Rights Analysis

The water rights for the Winslow Water System are summarized in Table 3-2. The table shows the system has total of 2,300 gpm of instantaneous water rights available with a maximum permitted annual withdrawal of 1,920 acre-ft per year.

TABLE 3-2
City of Bainbridge Island Water Rights Summary[1]

Source	Well Status	Certificate Number	Priority Date	Instantaneous Withdrawal (gpm)	Annual Withdrawal (acre-ft/year)[2]
Primary Sources of Supply					
Fletcher Bay Well	Operational	G1-20706C	June 14, 1973	730	1,168
Commodore Well					
Well No. 1	Not Used	C-6025-A	April 8, 1968	20	32
Well No. 2	Operational	G1-23678C	September 15, 1980	120	32 (S)
Sands					
Well No. 1	Operational	G1-25264C	June 29, 1988	300	336 (S)
Well No. 2	Operational	G1-25614P	February 1, 1990	500	564 (S)
Head of the Bay					
Well No. 1 & 2 (Original)	Not Used	C-5597-A	March 21, 1966	55	88 (S)
Well No. 1 & 2	Operational	C-7410-A	August 18, 1967	300	336
Wells No. 3	Operational	G1-22248C	June 28, 1974	75	160
Wells No. 4 & 5	Operational	G1-24349C	July 8, 1983	200	224
Total Permitted Water Rights (Primary Sources of Supply)				**2,300**	**1,920[3]**
Other City Water Rights					
Lower Weaver					
Well No. 1	Operational	C-3170-A	February 20, 1958	100	160
Wells No. 2 & 3	Not Used	C-3171-A	February 20, 1958	50	80
Wing Point Well	Not Used	C-1011-D	August 1, 1930	7	11
(Same well)	Not Used	C-3786-A	July 16, 1957	13	21
Fox Well	Not Used	C-4786-A	May 21, 1962	30	48 (S)
Surface Water Right	Not Used	C-7943	June 25, 1958	0.35 cfs (approx. 157 gpm)	253
Total Permitted Water Rights				**2,657**	**2,445[3]**

(1) Source: *City of Bainbridge Island Winslow Water System Water Resource Management Plan*, Robinson, Noble & Saltbush (2005).

(2) (S) = Supplemental to existing water rights.

(3) Total does not include supplemental water rights.

Table 3-3 provides a summary of source capacities, during a 24-hour pumping period, for wells, clearwell booster pumps, and instantaneous water rights. For each source, capacities are compared and the limiting operational capacity identified. The table shows the Winslow Water System has a combined limiting operational capacity of 1,750 gpm during a 24-hour pumping period.

TABLE 3-3

2011 Limiting Operational Capacity

Well	Actual Well Pump Capacity (gpm)[1]	Instantaneous Water Right (gpm)[2]	Actual Clearwell Booster Pump Capacity (gpm)[1, 3]	Limiting Operational Capacity (gpm)[4]
Fletcher Bay	600	730	570	570
Sands				
Well 1	350	300		
Well 2	360	500		
Sands Total	710	800	630/690	630
Head of the Bay				
Well 1A	100			
Well 1	30	355		
Well 2	230			
Well 3	250	75		
Well 4	90	200		
Well 5	110			
Well 6	85			
HOB Total	895	630	300/600	500
Commodore	50	120	NA	50
Total	**2,255**	**2,280**	**1,800**	**1,750**

(1) Well and booster pump capacities shown are actual averages current as tested in October 2012.

(2) Water rights are derived from the Robinson and Noble July 2005 Water Resources Management Plan.

(3) Fletcher Bay has one booster pump, Sands has two booster pumps that alternate, HOB has two manually selected booster pumps .

(4) Per the Robinson and Noble May 2006 HOB well rehabilitation report, well field tests performed in April 2005 indicate the HOB well field is capable of a maximum sustained yield of 500 gpm.

As shown in Table 3-3 the capacities of the wells at the Head of the Bay (HOB) wellfield are combined and compared to the total water rights. The actual capacities of all of the wells are less than the combined instantaneous water right for each wellfield, except for the HOB wells. The total capacity of all of the HOB wells is 895 gpm and the total instantaneous water right for the wellfield is 630 gpm. At this well site the maximum clearwell booster pump capacity is limited to 600 gpm. Well field tests performed in April 2005 indicate the HOB wellfield is limited to a maximum sustained yield of 500 gpm during a 24-hour period. This is used as the current HOB limiting factor. Thus, not all of the wells are operated simultaneously and the well output is kept under the total instantaneous water rights.

For comparison, Table 3-4 provides a summary of 2004 source capacities, during a 24-hour pumping period, as reported in the 2006 WSP. For each source, capacities are compared and the limiting operational capacity identified. The table shows the Winslow Water System had a combined limiting operational capacity of 1,484 gpm when the data was collected in 2004.

TABLE 3-4

2004 Limiting Operational Capacity

Well	Actual Well Pump Capacity (gpm) [1]	Instantaneous Water Right (gpm) [2]	Actual Clearwell Booster Pump Capacity (gpm)[1]	Limiting Operational Capacity (gpm) [3]
Fletcher Bay	500	730	575	500
Sands				
Well 1	370	300		
Well 2	400	500		
Sands Total	770	800	684/745	684
Head of the Bay				
HOB Total	717	630	240	240
Commodore	60	120	NA	60
Total	**2,047**	**2,280**	**1,499**	**1,484**

1) Well and booster pump capacities shown are actual tested capacities.

2) Water rights are derived from the Robinson and Noble July 2005 Water Resources Management Plan.

3) Limiting capacity is equal to the smaller of the well pump capacity, booster pump capacity, or water rights.

As previously discussed, a number of significant projects have been accomplished since the 2006 WSP was completed. Eight of eleven wells have been rehabilitated and the well pumps replaced, three booster pumps have been replaced, and numerous controls have been upgraded. Between 2004 and 2011 these projects have increased the combined limiting capacity of the Winslow Water System by over 16% from 1,484 gpm to 1,750 gpm.

Table 3-5 compares annual production for the period of 2006 through 2011 with the maximum annual withdrawal allowed under the existing water rights. As shown, the sources are in compliance with annual water rights withdrawal limits.

TABLE 3-5

2006 – 2011 Annual Withdrawal Water Rights Analysis

Year	Annual Production (gpd)	Annual Production (afy)	Maximum Annual Withdrawal Water Rights (afy)[1]	Water Rights Surplus/Deficit (afy)
2006	661,833	741	1,920	1,179
2007	642,792	720	1,920	1,200
2008	614,638	688	1,920	1,232
2009	638,838	715	1,920	1,205
2010	590,279	661	1,920	1,259
2011	593,638	665	1,920	1,255

(1) Permitted total annual withdrawal per Table 3-2.

Table 3-6 compares projected annual production for the period of 2012 through 2015 with the maximum annual withdrawal allowed under the existing water rights. As shown, the sources have adequate annual water rights to meet projected production requirements through 2015.

TABLE 3-6

2012 – 2015 Projected Annual Withdrawal Water Rights Analysis

Year	Projected Annual Production (gpm)	Projected Annual Withdrawal (afy)	Maximum Annual Withdrawal Water Rights (afy)[1]	Water Rights Surplus/Deficit (afy)
2012	661,950	741	1,920	1,179
2013	668,569	749	1,920	1,171
2014	675,255	756	1,920	1,164
2015	682,007	764	1,920	1,156

(1) Permitted total annual withdrawal per Table 3-2.

Table 3-7 compares maximum day production for the period of 2006 through 2011 with the maximum instantaneous withdrawal allowed under the existing water rights. As shown, the sources are in compliance with maximum instantaneous water rights withdrawal limits.

TABLE 3-7

2006 – 2011 Instantaneous Withdrawal Water Rights Analysis

Year	Historical Maximum Day Production (gpm)	Maximum Instantaneous Withdrawal Water Rights (gpm)[1]	Water Rights Surplus/Deficit (gpm)
2006	863	2,300	1,437
2007	970	2,300	1,330
2008	654	2,300	1,646
2009	950	2,300	1,350
2010	813	2,300	1,487
2011	584	2,300	1,716

(1) Permitted maximum instantaneous withdrawal per Table 3-2.

Table 3-8 compares projected maximum day production requirements for the period of 2012 through 2015 with the maximum instantaneous withdrawal allowed under the existing water rights. As shown the sources have adequate maximum instantaneous withdrawal water rights to meet projected production requirements through 2015.

TABLE 3-8

2012 – 2015 Projected Instantaneous Withdrawal Water Rights Analysis

Year	Projected Maximum Day Production (gpm)	Maximum Instantaneous Withdrawal Water Rights (gpm)[1]	Water Rights Surplus/Deficit (gpm)
2012	873	2,300	1,427
2013	882	2,300	1,418
2014	891	2,300	1,409
2015	900	2,300	1,400

(1) Permitted maximum instantaneous withdrawal per Table 3-2.

Source Production Capacity Analysis

Table 3-9 shows projected peak day production requirements for the period of 2012 through 2015. These requirements are compared to the maximum available source capacities during a 24-hour pumping period. Well capacity, operational capacity, and instantaneous water rights, are compared to projected peak day production requirements. The table shows that, with a 24-hour pumping period, the sources have adequate instantaneous water rights, well capacity, and operational capacity to meet peak day production requirements through 2015.

TABLE 3-9

Source Production Analysis - 24 Hours of Pumping

Year	Projected Maximum Day Production Requirement (gpm)	Limiting Operational Capacity (gpm)[1]	Operational Capacity Surplus/Deficit (gpm)	Limiting Capacity of Wells or Water Rights (gpm)[2]	Limiting Capacity of Wells or Water Rights Surplus/Deficit (gpm)	Instantaneous Water Rights (gpm)[3]	Instantaneous Water Rights Surplus/Deficit (gpm)
2012	873	1,750	877	1,990	1,117	2,300	1,427
2013	882	1,750	868	1,990	1,108	2,300	1,418
2014	891	1,750	859	1,990	1,099	2,300	1,409
2015	900	1,750	850	1,990	1,090	2,300	1,400

(1) The current operational capacity is equal to the smaller of the actual well pump capacity, water rights, actual clearwater booster pump capacity, or safe aquifer yeild. This number includes 500 gpm for HOB, 50 gpm for Commodore, 630 gpm for Sands, and 570 gpm for Fletcher Bay.

(2) The limiting capacity of the wells or water rights is based on the current production capacity of all the wells or their associated water rights, whichever is smaller. This number includes 630 gpm for HOB, 50 gpm Commodore, 710 gpm for Sands, and 600 gpm for Fletcher Bay.

(3) Based on the instantaneous water rights capacity of all wells, including all wells at the HOB wellfield.

For system reliability, it is recommended that the water supply is capable of meeting peak day production demands with an 18-hour pumping period. Table 3-10 compares projected peak day production requirements for the period of 2012 through 2015 to the maximum source capacities during an 18-hour pumping period. The table shows that, with an 18-hour pumping period, the sources have adequate capacity to meet peak day production requirements through 2015.

TABLE 3-10

Source Production Capacity Analysis - 18 Hours of Pumping [1]

Year	Projected Maximum Day Production (gpm)	Projected Maximum Day Production (gpd)	Current Operational Capacity (gpm) [2]	Limiting Operational Capacity with 18 Hours of Pumping (gpd)	Operational Capacity Surplus/Deficit with 18 Hours of Pumping (gpd)
2012	873	1,257,705	1,750	1,890,000	632,295
2013	882	1,270,282	1,750	1,890,000	619,718
2014	891	1,282,984	1,750	1,890,000	607,016
2015	900	1,295,814	1,750	1,890,000	594,186

(1) Recommended by DOH for system reliability, DOH Water Systsem Design Manual Chapter 5.7.1

(2) The current operational capacity is equal to the smaller of the actual well pump capacity, water rights, or actual clearwell booster pump capacity.

STORAGE ANALYSIS

The total storage for the Winlsow Water System is provided by two active reservoirs, including the 1 million gallon High School Reservoir No. 1 and the 1.5 million gallon High School Reservoir No. 2. The reservoirs are of the standpipe design and have an effective overflow elevation of 334 feet. The well sites are called to operate based on the reservoir levels through the telemetry system. The well sites pump into the high zone distribution system to supply customers and fill the reservoirs. From the distribution system six pressure reducing stations supply the low zone distribution system. When the well sites are not operating the reservoirs supply the water system by gravity.

The reservoirs have different base elevations and slightly different overflow elevations. Through physical site surveys, field testing, and record drawing research the as-built dimensions have been determined. This information was originally reported in the *Winslow Water System Plan Storage Analysis Update*, RH2 Engineers (2007). The operational storage component of the 2007 RH2 Analysis has been revised for the 2012 Update. Table 3-11 shows a summary of as-built dimensions and other physical characteristics of the two High School reservoirs.

TABLE 3-11

High School Reservoir Storage Characteristics (As built data)

Reservoir	Type	Capacity (gallons)	Diam. (feet)	Height (feet)	Base Elev. (feet)	Overflow Elevation (feet)	Unit Storage (gal/ft)
1.0 MG HS Reservoir No. 1	Steel	1,003,184	46.0	80.7	253.3	334.0	12,431
1.5 MG HS Reservoir No. 2	Steel	1,473,651	53.0	89.3	246.3	335.6	16,502

The reservoir data utilized in the 2006 WSP differs from the dimensions shown in Table 3-11. For comparison purposes, the data used in the 2006 WSP is shown in Table 3-12. The difference in diameter, height, and other physical characteristics of the reservoirs affects the results of the storage calculations.

TABLE 3-12
2006 WSP
High School Reservoir Storage Characteristics (Superseded by TABLE 3-11 Data)

Reservoir	Type	Capacity (gallons)	Diam. (feet)	Height (feet)	Base Elev. (feet)	Overflow Elevation (feet)	Unit Storage (gal/ft)
1.0 MG HS Reservoir No. 1	Steel	1,000,000	46.0	86.0		334.0	
1.5 MG HS Reservoir No. 2	Steel	1,500,000	56.0	80.7		334.0	

Both High School reservoirs are designed with a common fill/drain connection. This configuration causes poor water circulation and makes it difficult to maintain chlorine residual in the distribution system. In order to help maintain water quality, the well site call levels are set as wide as possible. The goal is to maximize reservoir turnover while still maintaining adequate storage at a sufficient level to provide a minimum of 30 psi at the highest water service elevation of 250 feet.

The reservoirs are hydraulically connected so the lowest overflow elevation of 334 feet in the 1.0 million gallon reservoir is the controlling high level point. The base elevation of the 1.0 million gallon reservoir is higher than the 1.5 million gallon reservoir. In order to simplify day-to-day operations, the telemetry is set to read both tanks relative to level of the 1.0 million gallon reservoir. General well site call levels and alarm set points are shown in Table 3-13 and detailed storage data is shown in Table 3-14.

TABLE 3-13
High School Reservoir Set Points (feet)

Well Site	Low Alarm Probe	Well Site Start	Well Site Stop	High Alarm Probe	High Alarm Float	Overflow
First Call	68.5	71.5	79.5	80.0	80.5	81.0
Second Call	68.5	70.5	77.5	80.0	80.5	81.0
Third Call	68.5	69.5	75.5	80.0	80.5	81.0

TABLE 3-14
High School Reservoir Storage Detail

Reservoir Status	Tank Gauge Level (feet)	Tank Water Level Elev (feet)	Press @ 250 ft Elev (psi)	1 MG Tank Actual Level (feet)	1.5 MG Tank Actual Level (feet)	Storage Description
1.5 MG Tank Overflow		335.6			89.3	Dead 26,404 Gallons
		335.0			88.7	
1.0 MG Tank Overflow	81.0	334.0	36.2	80.7	87.7	Dead 43,400 Gallons
High Alarm - Float	80.5	333.5	36.0	80.2	87.2	
High Alarm - Probe	80.0	333.0	35.8	79.7	86.7	
First Call Off	79.5	332.5	35.6	79.2	86.2	Operational 289,333 Gallons
Second Call Off	77.5	330.5	34.7	77.2	84.2	
Third Call Off	75.5	328.5	33.8	75.2	82.2	
First Call On	71.5	324.5	32.1	71.2	78.2	
Second Call On	70.5	323.5	31.7	70.2	77.2	
Third Call On	69.5	322.5	31.2	69.2	76.2	
Low Alarm - Probe	68.5	321.5	30.8	68.2	75.2	Available Fire Suppression 752,265 Gallons
Minimum Level	66.5	319.5	30.0	66.2	73.2	
Minimum Fire Level	43.5	296.5	20.0	43.2	50.2	
1.0 MG Tank Base Elev	0.5	253.5	1.5	0.2	7.2	Dead 1,365,434 Gallons
1.5 MG Tank Base Elev		246.5			0.2	

Storage requirements for the Winslow Water System are determined by applying the criteria outlined in Chapter 9 of the DOH Water System Design Manual. The total storage recommended according to this guidance document is based on the sum of operational storage, equalizing storage, standby storage, fire suppression storage, and dead storage. Each storage component serves a different purpose and will vary from system to system. A definition of each storage component and the criteria used to evaluate the capacity of the storage facilities for the period of 2012 through 2015 is provided below.

Operational Storage

Operational storage is the volume of the reservoir used to supply the water system under normal conditions when the source or sources of supply are in the off mode and are not delivering water to the system. Operational storage is essentially the average amount of draw down in the reservoir during normal operating conditions, which represents the volume of storage that will most likely not be available for equalizing storage, fire flow storage, or standby storage.

The operational storage in the High School reservoirs is the amount of storage between the lowest well site start level and the highest well site stop level. This is a total of 10 feet and correlates to 289,333 gallons and is the volume of operational storage used for this analysis.

Equalizing Storage

Equalizing storage is the volume of the reservoir used to supply the water system under peak demand conditions when the system demand exceeds the total rate of supply of the sources. The DOH requires that equalizing storage be stored above an elevation that will provide a minimum pressure of 30 psi at all service connections throughout the system under peak hour demand conditions. The sources of supply operate on a "call on demand" basis to fill the reservoirs. Therefore, the equalizing storage requirements are determined using the standard DOH formula that considers the difference between the system peak hour demand and the combined capacity of the supply sources. Equalizing storage is calculated using the following equation:

Equalizing Storage $V_{ES} = (Q_{PH} - Q_S) * 150$, but in no case less than zero

V_{ES} = Volume Equalizing Storage, gallons

Q_{PH} = peak hour demand, gpm

Q_S = capacity of all sources, excluding emergency sources, gpm

For the period of 2012 through 2015 the limiting operational capacity of 1750 gpm exceeds the projected peak hourly demand and the result of this calculation is less than zero, therefore no equalizing storage is required.

Standby Storage

Standby storage is the volume of the reservoir used to supply the water system under emergency conditions when supply facilities are out of service due to equipment failures, power outages, loss of supply, transmission main breaks, and any other situation that disrupts the supply source.

DOH requires that standby storage be stored above an elevation that will provide a minimum pressure of 20 psi at all service connections throughout the system. The criteria for determining the standby storage requirements for the Winslow Water System, which has multiple supply sources, is based on the standard DOH formula below that requires average day demand and supply source capacity data. The amount required is sufficient to supply the system for a 48-hour period when the primary supply facility is out of service and the system is experiencing demands that are close to average day demands.

Standby Storage $V_{SB} = (2 * ADD * N) - t_m * (Q_S - Q_L)$

V_{SB} = Total standby storage for multiple source system, gallons

ADD = average day demand, gpd/ERU

N = number of ERU's

Q_S = capacity of all sources, excluding emergency sources, gpm

Q_L = capacity of largest source, gpm

t_m = daily pump source run time, minutes

The Sands Avenue well site is the largest source of supply available to the water system and is considered offline for the standby storage calculation. The limiting operational capacity of all sources 1750 gpm minus the capacity of the largest source of supply 630 gpm equals 1120 gpm available to the water system for this calculation. For the period of 2012 through 2015 1120 gpm exceeds twice the average daily demand, and the result of this calculation is less than zero, therefore no standby storage is required.

Fire Suppression Storage

Fire suppression storage is the volume of the storage used to supply water to the system at the maximum rate and duration required to extinguish a fire at a building with the highest flow requirement. The magnitude of the fire flow storage is the product of the fire flow rate and duration of the maximum fire flow requirement established by the local fire authority. DOH requires that fire flow storage be stored above an elevation that will provide a minimum pressure of 20 psi at all points throughout the distribution system under peak day demand conditions. For the Winslow Water System the fire flow storage is based on a maximum fire flow requirement of 2,500 gpm for a 3-hour duration which equals 450,000 gallons and is calculated using the following equation:

Fire Suppression Storage $V_{FSS} = NFF * T$

V_{FSS} = Volume fire suppression storage, gallons

NFF = needed fire flow, gpm

T = fire flow duration, minutes

It is the policy of the City to allow nesting of the standby and fire suppression storage components, meaning the smaller of the two volumes may be excluded from the total storage requirement. This practice is permitted by DOH provided that it is not prohibited by: 1) a locally developed and adopted Coordinated Water System Plan; 2) a local ordinance; or 3) the local fire protection authority or county fire marshal. For the Winslow Water System the required fire

suppression storage is larger than the required standby storage, therefore fire suppression storage is included in the total storage requirement.

Dead Storage

Dead Storage is the volume of the reservoir that is not available for use by the system. Typically this unusable storage occupies the lower portion of most ground level reservoirs where the water is stored at an elevation that does not provide system pressures that meet the minimum pressure requirements established by DOH without pumping. Water that is stored below an elevation that cannot provide a minimum pressure of 20 psi is considered dead storage for the analyses that follow. The highest water service elevation served by the High School reservoirs is 250 feet. To provide the minimum pressure of at least 20 psi to this location, water must be stored above an elevation of 296.5 feet. Therefore, the volume of the reservoirs that is located below this elevation is considered dead storage and is estimated to be approximately 1,365,434 gallons.

Since the two reservoirs have different overflow elevations and are hydraulically connected, a portion at the top of the 1.5 million gallon High School reservoir is also considered dead storage. This additional 26,404 gallons of dead storage is the volume of the 1.5 million gallon High School reservoir that is located above the overflow elevation of the 1.0 million gallon High School reservoir.

In addition, there is a 1.5 foot buffer between the highest well site stop level and the overflow elevation. This buffer allows for high alarm level settings and reservoir capacity to accommodate the manual operation of well site(s) for daily operational inspections. Operational inspections of the well site(s) that are running or expected to run during the day are performed each morning. These inspections are made when the well sites are operating normally and after they have reached equilibrium. In the morning, in case the well site(s) have recently shut off because the reservoir was full, the 1.5 foot of buffer allows the operator to trigger the well site to start prior to performing an operational inspection. The buffer space before reservoir overflow allows the well site(s) to run long enough for subsystems to stabilize prior to performing daily operational checks. This 1.5 foot buffer amounts to an additional 43,400 gallons of dead storage. Altogether this makes a total dead storage in the High School reservoirs of approximately 1,435,238 gallons.

Storage Summary

As a conservative measure, DOH recommends a minimum standby storage of 200 gallons per ERU. For the Winslow Water System to gain this standby storage capacity, operational storage would have to be reduced and well site call levels would have to be tightened significantly. This would lead to poor reservoir turnover and could adversely affect water quality. In addition, the 1.5 foot buffer would have to be eliminated which would make daily operational inspections less efficient and more time consuming.

The DOH Water System Design Manual allows some flexibility in the design of water systems and encourages the consideration of various alternatives and options before selecting the optimum design for the situation. Throughout the manual, a number of source and facility

reliability factors are identified that should be taken into account when considering design alternatives. Water system reliability factors and how they are met by the Winslow Water System are summarized below.

- Supply – The Winslow Water System is supplied from eleven wells located at four well sites that draw from three separate aquifers. Two of the largest well sites are equipped with multiple booster pumps for added flexibility. When all the wells are operating, they can meet peak hour demand without the use of equalizing storage and they can supply maximum day demand in less than an 18-hour period. With the largest source of production out of service, the capacity of the remaining sources exceeds twice the average daily demand. The well meters are tested every two years and the specific capacity and chloride content of the wells is tested on a semiannual basis. There is continuous water level monitoring at four wells with plans to upgrade three additional wells with this capability. The active well sites have locked wellhead enclosures, intrusion alarms, and are fenced to provide site security.

- Storage – Storage is provided by two separate reservoirs that supply the water system by gravity when the well sites are not operating. The reservoirs supply the high zone distribution system through a 12-inch loop with adequate sectional valves to isolate either reservoir or loop branch in case of emergency. The distribution system is well looped and the low zone is supplied from six PRV stations. The reservoirs are monitored through the telemetry system and are equipped with both high and low level alarms.

- Power Grid – The four well sites are served by different portions of the power grid. It is rare when all well sites are affected for a long period of time during a power outage. Puget Sound Energy (PSE) has the ability to provide primary power supply from different substations and to reroute power through distribution switches. PSE considers the Winslow Water System a priority customer and the City is notified in advance of all scheduled power outages. During major substation outages and large scale power distribution outages the City coordinates directly with the PSE substation supervisor.

- Emergency Power Supply – Typically during widespread power outages water consumption decreases; however, if necessary, the water system has two mobile generators capable of operating the largest well sites. These generators are normally staged at the Sands Avenue and Fletcher Bay well sites. The generators can be relocated to any well site providing an additional degree of flexibility. In addition, the City has a smaller mobile generator capable of operating the Commodore well site. Every well site is equipped with a generator receptacle and manual transfer switch. Power supply is monitored at all well sites through the telemetry system.

- Water Quality – For the past ten years the Winslow Water System has had a solid history of good water quality. Disinfection is provided at each well site and a detectable residual is maintained in the distribution system. Construction activities are well monitored and the use of fire hydrants for temporary water supply is severely limited. A minimum of 30 psi is provided at all service connections. The water system has an active cross-

connection control program that is well coordinated with the local jurisdiction to provide both premise and in-premise protection. Over 1000 cross connection control accounts are managed on an annual basis.

- Emergency Response – The City maintains a robust fleet and specialized equipment inventory as well as a complete stock of spare parts. Qualified personnel are available at all times and a standby call back list is maintained for emergencies that occur outside of normal working hours. In case of a major emergency the City can call upon a diverse group of professionals throughout the organization.

Storage Analysis

The factors outlined above combine to show a water system with considerable reliability and redundancy characteristics. These factors support the standby storage calculation methodology used. The storage analysis is based on the storage criteria previously discussed and the water demand projections developed in Chapter Two and shown in Table 3-15.

TABLE 3-15
Water Demand Projection Factors

Base Period	2006 - 2011
Projected Annual Growth Rate %	1.00%
ERU Value (gpd/ERU)	155
Distribution System Leakage	5.4%
Maximum Day Demand Factor	1.9
Peak Hour Demand Factor	1.7

The storage analysis is made by evaluating current operational practices and projected water demand together with the existing storage facilities and the limiting source capacity available to the water system. The analysis is shown in Table 3-16. It shows there is a storage surplus of approximately 302,265 gallons for the period of 2012 through 2015. Although the water demand projections used for this analysis are only valid for a limited period of time, for reference purposes they are used in the table to project storage requirements through 2032. The table shows with the current growth projection factors that equalizing storage is not required until 2029 and standby storage is not required until 2032.

TABLE 3-16
2012 – 2015 Winslow Water System Storage Analysis

Year	Operational Storage (gal)[1]	Equalizing Storage (gal)[2]	Standby Storage (gal)[3]	Fire Suppression Storage (gal)[4]	Total Required Storage (gal)[5]	Available Storage (gal)[6]	Storage Surplus(gal)
2012	289,333	0	0	450,000	739,333	1,041,598	302,265
2013	289,333	0	0	450,000	739,333	1,041,598	302,265
2014	289,333	0	0	450,000	739,333	1,041,598	302,265
2015	289,333	0	0	450,000	739,333	1,041,598	302,265
2016	289,333	0	0	450,000	739,333	1,041,598	302,265
2017	289,333	0	0	450,000	739,333	1,041,598	302,265
2018	289,333	0	0	450,000	739,333	1,041,598	302,265
2019	289,333	0	0	450,000	739,333	1,041,598	302,265
2020	289,333	0	0	450,000	739,333	1,041,598	302,265
2021	289,333	0	0	450,000	739,333	1,041,598	302,265
2022	289,333	0	0	450,000	739,333	1,041,598	302,265
2023	289,333	0	0	450,000	739,333	1,041,598	302,265
2024	289,333	0	0	450,000	739,333	1,041,598	302,265
2025	289,333	0	0	450,000	739,333	1,041,598	302,265
2026	289,333	0	0	450,000	739,333	1,041,598	302,265
2027	289,333	0	0	450,000	739,333	1,041,598	302,265
2028	289,333	0	0	450,000	739,333	1,041,598	302,265
2029	289,333	1,267	0	450,000	740,599	1,041,598	300,999
2030	289,333	3,904	0	450,000	743,237	1,041,598	298,361
2031	289,333	6,568	0	450,000	745,901	1,041,598	295,697
2032	289,333	9,259	2,609	450,000	748,592	1,041,598	293,006

(1) Based on a 10-foot draw down in the High School reservoirs, from Table 3-14.

(2) Equalizing Storage: $V_{ES} = (Q_{PH} - Q_S) * 150$, but in no case less than zero.

(3) Standby Storage: $V_{SB} = (2 * ADD * N) - t_m * (Q_S - Q_L)$, but in no case less than zero.

(4) Fire Suppression Storage: $V_{FSS} = NFF * T = (2{,}500 \text{ gpm} * 3 \text{ hours} = 450{,}000 \text{ gallons})$.

(5) The total required storage volume assumes nesting of fire suppression and standby storage. Because the fire suppression storage requirement is larger than the standby storage requirement, the total required storage is based on the sum of operational, equalizing, and fire suppression storage.

(6) Available Storage = Operational Storage + Available Fire Suppression Storage = (289,333 gallons + 752,265 gallons = 1,041,598 gallons), from Table 3-14.

WINSLOW WATER SYSTEM DEFICIENCIES

The status of major system elements and known deficiencies for the Winslow Water System for the period of 2012 through 2015 are summarized below.

SUPPLY

The Winslow Water System has adequate source capacity to meet projected production requirements through the year 2015 with the current operation of the sources. When all the wells are operating, peak hour demand can be satisfied without the use of equalizing storage and maximum day demand can be satisfied in less than an 18-hour period. With the largest source of production out of service, the capacity of the remaining sources exceeds twice the average daily demand.

WATER RIGHTS

Based on the projected average day production and projected peak day production requirements, the Winslow Water System has adequate annual withdrawal water rights and instantaneous water rights to meet requirements through the year 2015.

TREATMENT

As discussed in Chapter 1, the Winslow Water System fluoridates and chlorinates all of its wells. The water system is not required to disinfect, and therefore is not required to provide a CT of 6. Chlorine levels are set in order to overcome chlorine demand for each individual source and to maintain a detectable residual in the extremities of the distribution system.

STORAGE

The source of supply for the Winslow Water System is capable of meeting both equalizing and standby storage requirements. The storage analysis shows the capacity is adequate and there is a storage surplus of approximately 302,265 gallons through the year 2015.

DISTRIBUTION SYSTEM

The water distribution system is adequately looped and there is one major distribution project scheduled to replace approximately 1,260 feet of 6-inch asbestos cement pipe with 12-inch ductile iron pipe on Madison Avenue in 2014.

Mayors' Transportation Funding Discussion Meeting Notes

Seattle City Hall, November 29, 2012

Facilitated by: John Howell, Cedar River Group

Editorial Note: The conversation reflected in these notes is not implicitly or explicitly a reflection of any commitments to support a specific legislative package at this time, but a discussion of what might be possible if cities choose to support a package of local authority options.

Welcome: Mayor Priest

- The legislative session is just one month away, and at this meeting we want to work together to plan for a transportation package.

Summary of September Meeting: Mayor McGinn

- This effort was initiated to help local jurisdictions address local needs and to create a sustained effort on the part of cities to meet regional and statewide needs.
- Group essentially agreed that the focus would be to assemble a package of local options that has options that will work for everyone.
- The group developed policy principles in January and sent a letter to legislative leaders during the 2012 legislative session communicating those principles and asking for action.
- The group has had 3 meetings since the last session to work on the specifics.
- At the last meeting we reviewed a 'First Step' proposal that participants generally agreed was an acceptable starting point for a conversation with our respective colleagues in an effort to move towards a unified position that we can collectively advocate in the coming legislative session.

Update on the Landscape for the 2013 Legislative Session: Jennifer Ziegler provided an update on the political landscape in Olympia to provide some context for the Mayors' effort and the challenges on transportation funding in the coming session.

- Update on Budget
- Changes in legislative membership
- Initiatives on raising taxes and tolls are still up in the air (1053 and 1185)
- Gas sales tax may be a more flexible source

- Other proposals: The Governor's Office has seen a few other proposals including the Washington Round table proposal

Comments:

- Mayor Lewis expressed desire for package that will work for counties and state
- Mayor Cook – suggested this group should get grounded and up to date on MVET (FOLLOW UP– put together background/history of MVET in WA)
- Mayor Lent expressed a desire to ensure the proposal benefits the Mayor's local streets

Discussion of Proposal for 2013 Legislative Session: Mayor Priest

- Mayor Priest presented a powerpoint outlining some modest revisions to the proposal that included different examples of how an MVET might be structured. This was based on meetings with the County and had the some agreement among King County mayors. (See attached PPT for additional details)
    - 8 cent gas tax increase with 65% going to the state, 18% to cities and 12% to counties.
    - 1.5% MVET with the ability to phase in, councilmanic or public vote; following TBD process on distribution (60% of cities representing 75% of the county population)
    - Increase in the councilmanic TBD authority from $20 to $40.
    - $200 electric vehicle fee
- What counties do in terms of amount of MVET authority to exercise and how revenues are shared may vary widely from county to county.
- Legislation should not dictate to counties how they address those two issues.
- Question/discussion of a universal tire tax – tax on # of wheels (18 wheelers, atvs, bicycles, cars etc) – little data and hard to come up with a number and online sales leaves a loophole
- MVET:
    - 1.5% local MVET is too high, with state looking at option
    - – if you try to do local options, then state is off the hook (uncomfortable with an MVET in general)
    - If MVET is to be kept at 1%, at least King county would need to have additional revenue sources
    - Several support up to 1.5%
    - Need for King County to come to agreement

<u>MVET Summary</u>: some are uncomfortable with above 1%, some support letting other counties go above 1% . 12 in favor of MVET at 1.5, 7 in favor of 1%

Other possible sources were discussed

- Tire tax for each wheel
- Insurance surcharge
    - concern over resistance from Insurance companies (insurance industry opposed it 8ish years ago – technology makes collection of fees easier now)
    - pros covers all cars (including electric)
    - adds a diversity of funding sources

Summary – concern over insurance surcharge makes the options more complicated. (Maybe just 1.5 MVET is easier.)

A straw poll was taken on what participants as individuals, not speaking for their cities, could support

1.5% MVET, gas tax, TBD: all but 3in favor

1% MVET and insurance surcharge: all but 5 in favor

Summary: There was agreement on the gas tax, TBD authority and possibility of a 1% MVET. Do not have consensus on other options including surcharge, electric vehicle fee, and tire tax.

Next Steps:

- Report to Gov on status (done)
- Provide info about MVET history (enclosed with this email)
- Provide PPT, with and without the MVET-B slides, to attendees (enclosed with this email)
- Draft a sign on letter
- Schedule January meeting (Doodle poll now online)
- Vet proposal and variations to Councils
- Update revenue estimates
- Continue developing messaging for revenue package
- Articulate results – develop projects list

Final Decision:

- Seattle staff will take the lead on scheduling the next meeting (likely in Seattle?) and drafting a letter that articulates a concrete proposal.
- Participants will take the proposal and MVET question back to councils and be able to come to agreement prior to or at the next meeting in early January and to send a letter to legislative leaders and the new Governor that reflects the will of the group.

Meeting Adjourned

In attendance:

Principals:

Auburn	Pete Lewis
Bainbridge Island	Debbi Lester
Bellingham	Cathy Lehman
Bremerton	Patty Lent
Edmonds	Dave Earling
Everett	Ray Stephanson
Federal Way	Skip Priest
Kent	Suzette Cooke
Kirkland	Joan McBride
Marysville	Jon Nehring
Mercer Island	Bruce Basset
Oak Harbor	Scott Dudley
Poulsbo	Becky Erickson
Port Townsend	Kris Nelson
Redmond	John Marchione
Renton	Denis Law
Seattle	Mike McGinn
Shoreline	Chris Eggen
Spokane	Ben Stuckart
Vancouver	Tim Leavitt (call in)

Staff: Chris Carrel, Cheryl Schwab, Peter Hahn, Nina Rivkin, Carolyn Robertson, Joyce Nichols, Kim Becklund, Alicia McIntire, Lorrie McKay, Doug Levy, Pat McClain, Deanna Dawson, Jim Justin, Suzanne Del Estey, Jasmin Weaver, Kelsey Beck, Rob Gala, Allison Burson, Bill LaBorde.

First Steps for Transportation

November 29, 2012

Where we left off

- Gas tax increase of eight cents/gallon
- Motor vehicle excise tax
- Transportation Benefit District
- Electric Vehicle fee

Key Principles

- We must invest now in our flagging transportation system to support economic recovery
- Investment must include local needs – “last mile” & transit
- Cities and counties have unique needs
- Provide cities and counties with flexibility for innovation

Gas Tax Increase

- Revenues split according to the first 23 cents of gas tax formula
- $2.56 billion over ten years
- State receives $1.66 billion
- Local transportation $896 million

8-Cent Distribution	
State	65%
Cities	18%
Counties	12%
TIB	4%
CRAB	1%

Motor Vehicle Excise Tax (MVET-A)

- Up to 1.5% MVET with ability to phase in
- Counties can enact by public vote or councilmanic
- Local options for transit and roads
- $742 million annually statewide
  - King County: $150 million
  - Spokane: $52 million
  - Snohomish: $79 million
- Distribution discussion is critical
- First option: follow Transportation Benefit District process
  - Agreement with 60% of cities representing 75% county population

Insurance Surcharge Alternative

- $3/month surcharge
- Generates estimated $60 million/year statewide
- Revenue to be allocated to cities by population
- Revenue to replace a portion of MVET revenue allocated to cities

Transportation Benefit District

- Expand from $20 to $40 VLF for cities, county unincorporated areas enacted councilmanically
- Countywide TBD:
  - existing TBDs grandfathered
  - distribution negotiated between county and its cities, per current statute (60% of cities, representing 75% of county population)
- $40 VLF has potential of generating $251 million statewide (actual usage will vary)

Electric Vehicle Fee

- Washington Connects Task Force
- Electric vehicles require road capacity but do not support road maintenance/construction through fuel tax
- Fee of $200/vehicle
- Distribution according to “Special fuel tax” formula
- Vehicle miles traveled pilot project

Next Steps

- Develop Mayors' Statement for the First Steps framework
- Continue discussion at local level to provide clarity
- Update revenue estimates
- Continue developing justification for revenue package
  - e.g. descriptive list of local needs
- Articulate results – develop projects list

One Additional Challenge

- Need to move quickly

January 14, 2013

Dear Legislative Leaders,

As leaders of local government, we are gravely concerned about the urgent and unmet need for transportation funding. We request that you to take action in the 2013 legislative session to address the need for increased transportation funding, including local governments funding options for transportation. Failing to take action now will cause increased transportation costs, increased congestion, and reduced competitiveness for Washington businesses. Recognizing that we as state taxpayers have competing interests for limited dollars, we ask that you give serious consideration to providing authority and options at the local level this year.

Maintaining what we have and the Growing Need: Our transportation system is the backbone of Washington's economy. It provides the vital connections that link our homes to our work places and carry products to market. Investments are needed now to repair and maintain roads, streets and bridges, and to operate and maintain ferries and transit services. Both short and long term solutions are needed to ensure that we're able to maintain, operate and improve the system to accommodate the growing demands for transit service and on state and local roads.

You are, perhaps more than anyone, acutely aware of the factors contributing to the structural deficiency in how Washington funds our transportation system. The loss of the MVET in the mid 1990s, the 1% property tax limit, and the Great Recession have significantly reduced city and county budgets and our collective ability to raise funds.

Statewide, cities need at least $3.4 billion in the next ten years to maintain and repair streets and bridges. Approximately 20 percent of city transportation funding is dedicated by state law; cities must fund the remaining 80 percent from general funds. As a result, many cities have drastically reduced funding to maintain their roads. Pavement conditions in most cities are deteriorating, resulting in an increasing number of lane miles that will require expensive reconstruction.

Public transit will require an additional $2 billion over the next decade simply to maintain current levels of service. Demand for transit service is growing steadily and additional revenue will be necessary in order to accommodate this increased ridership. Counties need an additional $1.5 billion over the next decade to address their needs.

We therefore offer the following "First Step" proposal for your consideration in order to address the short term need. It is by no means a panacea for all of our problems, nor is it

comprehensive enough to solve the longer term need. But it begins to address the short term regional and local investment needs.

<u>First Step Transportation Funding Plan</u>

1) Eight cent per gallon gas tax increase. (Estimated **$2.56 billion over ten years**).
2) At least a one percent Motor Vehicle Excise Tax option that counties could enact either by councilmanic action or public vote. (Potential revenue of **$3.24 billion over ten years**).
3) Expand from $20 to $40 the vehicle license fee (VLF) that can be enacted through public vote or councilmanic action. ($40 VLF would generate up to **$2.73 billion over ten years**).

This plan is a "first step" towards addressing the most immediate transportation needs of cities, counties and the State. But there continues to be a need for sustainable funding solutions to address the longer-term needs of our statewide transportation system identified by the Connecting Washington Task Force last year.

We are committed to working with you to address our shared critical needs. When State leaders develop a proposal for long-term, sustainable transportation funding, we encourage the consideration of several strategies, including: creation of local or statewide transportation utilities, development of a pilot program to test the potential use of a transportation revenue strategy based on usage (such as a vehicle miles traveled option), and an increase in weight fees (because many cities experience the effects of heavy truck usage on their local roadway system).

We appreciate your consideration.

Sincerely,

CITY OF BAINBRIDGE ISLAND
CITY COUNCIL AGENDA BILL

PROCESS INFORMATION	
Subject: Non-Motorized Transportation Advisory Committee Appointments	Date: January 9, 2013
Agenda Item: Council Discussion	Bill No.: 13-003
Proposed By: Councilmember Lester	Referral(s):

BUDGET INFORMATION		
Department: Legislative	Fund:	Munis Contract #
Expenditure Req: none	Budgeted? ☐ Yes ☒ No	Budget Amend. Req? ☐ Yes ☒ No

REFERRALS/REVIEW		
Study Session:	Recommendation:	
City Manager ☐ Yes ☐ No ☒ N/A	Legal ☐ Yes ☐ No ☒ N/A	Finance ☐ Yes ☐ No ☒ N/A

DESCRIPTION/SUMMARY

Action Item:

Councilmember Lester is recommending the appointments of Lief Horwitz and Sidney Snyder to the Non-Motorized Transportation Advisory Committee.

History:

With the resignation of several committee members, a call for participation was advertised in the Bainbridge Review and the Islander, posted on the City's web site and distributed via email in October 2012. Three applications were received, and one applicant subsequently withdrew. The interview panel of Councilmembers Anne Blair and Steve Bonkowski agreed to appoint Mr. Horwitz and Ms. Snyder, each to three-year terms ending January 31, 2016. Applications are attached for information.

RECOMMENDED ACTION

Motion:

I move that the City Council confirm the appointments of Lief Horwitz and Sidney Snyder to the Non-Motorized Transportation Advisory Committee.

Kate Brown

From: Lief Horwitz [burst@emailmeform.com]
Sent: Friday, November 02, 2012 5:04 PM
To: Kate Brown
Subject: Citizen Advisory Group Application

Name*:	Lief Horwitz
Email*:	[redacted]
Daytime phone:*:	[redacted]
Address:*:	[redacted]
Current employer*:	U.S. Geological Survey
Current position*:	Program Officer
I am interested in serving on one of the following advisory groups (select all that apply)::	Non-Motorized Transportation Advisory Committee
Have you served on any city advisory groups in the past?*:	No
If so, please indicate which groups::	
Please share your qualifications for this appointment (skills, activities, training, education) if any::	I hold a Master's degree in Urban and Regional Planning and have extensive professional experience in working on collaborative peer groups. Additionally, I have NGO experience, serving as a board member for the NW Environmental Educational Council, an organization focused on increasing environmental awareness, appreciation and stewardship in the Pacific Northwest. I am an avid bicyclist and hiker who frequently takes advantage of local roads and trails.
Please share your community interests (groups, committees, organizations) if any::	Bainbridge Island Little League T-Ball Coach
Feel free to attach your resume	

Kate Brown

From: Sidney Snyder [burst@emailmeform.com]
Sent: Monday, October 29, 2012 4:52 PM
To: Kate Brown
Subject: Citizen Advisory Group Application
Attachments: SidneySnyderResume.docx

Name*:	Sidney Snyder
Email*:	[redacted]
Daytime phone:*:	[redacted]
Address:*:	[redacted]
Current employer*:	Lindsleys Clothing, Solemates Shoes
Current position*:	Sales Associate
I am interested in serving on one of the following advisory groups (select all that apply)::	Non-Motorized Transportation Advisory Committee
Have you served on any city advisory groups in the past?*:	No
If so, please indicate which groups::	
Please share your qualifications for this appointment (skills, activities, training, education) if any::	As a lifelong resident of Bainbridge I've walked/biked much of the island, exploring both road and trail travel. I've worked with the Washington Trails Association on backcountry trail maintiance and recently participated in a hiking tour (lead by the BI Trails Advisory Committee) of the Lost Valley here on Bainbridge. Every summer during highschool I coached Bainbridge Parks and Rec sailing classes on Eagle Harbor, where my interest in water resource evaluation and protection began. Through the compleation of my degree in Geology from Mount Holyoke College, I have been exposed to watershed dynamics, groundwater charateristics and successful grant writing.
Please share your community interests (groups, committees, organizations) if any::	Bainbridge Ometepe Sister Island Association Student Delegate (2004, 2006) Girlscouts of Western Washington (lifelong member) Washington Trails Association (Backcountry trail crew on the Dosewallips)

Sidney K. Snyder

[redacted]

EDUCATION

Mount Holyoke College, South Hadley, MA
Major: Geology Minor: Astronomy GPA: 3.7 Cum Laude
Relevant coursework: Environmental Geology, Surface Processes, Groundwater, Research Field Methods, Geographic Info Systems (GIS), Water Resources Evaluation, Remote Sensing

National Outdoor Leadership School (NOLS), WA (Winter 2009)
Wilderness Medicine Institute; Wilderness First Responder

West Sound Academy Preparatory High School, Suquamish, WA (2004-2008)
GPA: 3.8

EXPERIENCE

Outdoor Programs Trip Leader and US Sailing Instructor, Bainbridge Island Parks and Recreation, WA (2009-2011)
Head Sailing Instructor for the Bainbridge Island Parks and Recreation District
Managed lesson plans
Establish, promote and lead upcoming day/overnight/weekend hikes for the public

Geology Department Office Assistant, Geology Department Office, Mount Holyoke College (Sept 2009 – Present)
Manage campus wide notices for lectures and classes
Interact with surrounding colleges via telephone and email
Manage bi-monthly lectures by current students about their research

Fitness Center Monitor, Mount Holyoke College (Sept 2009 – Present)
Interact with South Hadley public
Instruct new users how to utilize the equipment

ADDITIONAL EXPERIENCE

Senior Mentor, Field Research team to Svalbard Norway (Summer 2011)
Research of pro-glacial environments within the High Arctic culminating in an Honors Senior Independent Study

Aquatics Center Custodian, Bainbridge island Metro Parks and Recreation (Summer 2010)
performed custodial and maintenance duties
Scheduled, coordinated, and perform routine

SKILLS

Languages: Conversational spanish
Computer: MS Word; Excel; PowerPoint; Web, GIS;
Certifications: Wilderness First Responder; Adult/Child CPR, AED and Airway Management; State of Washington Emergency Worker; U.S. Coast Guard Boating Safety
Honors: Mount Holyoke Grant Award, Mary Lyons Legacy Grant, Martha Godchaux Field Study Grant, HHMI Undergraduate Research Grant; NEWMAC Academic Competitiveness Award; Girl Scout Silver

Award;

INTERESTS

Varsity Soccer; Competitive Bicycling; Girl Scouts; Hiking; Camping; Sailing.

CITY OF BAINBRIDGE ISLAND
CITY COUNCIL AGENDA BILL

PROCESS INFORMATION	
Subject: Consent Agenda Items	Date: January 9, 2013
Agenda Item: Consent Agenda	Bill No.: 13-001
Proposed By: Executive	Referral(s):

BUDGET INFORMATION		
Department:	Fund:	Munis Contract #
Expenditure Req:	Budgeted? ☒ Yes ☐ No	Budget Amend. Req? ☐ Yes ☐ No

REFERRALS/REVIEW		
	Recommendation:	
City Manager ☐ Yes ☐ No ☒ N/A	Legal ☐ Yes ☐ No ☒ N/A	Finance ☐ Yes ☐ No ☒ N/A

DESCRIPTION/SUMMARY

Action Item:

Consideration of Consent Agenda items A through D: Item A through D: Item A. Accounts Payable Vouchers and Payroll for December 28, 2012 and January 9, 2013, Item B. Regular Study Session Meeting Minutes, December 5, 2012, Item C. Regular Business Meeting Minutes December 12, 2012 and Item D. Regular Study Session Meeting Minutes, December 19, 2012.

RECOMMENDED ACTION

Motion:

I move that the City Council approve Consent Agenda items A through D: Item A. Accounts Payable Vouchers and Payroll for December 28, 2012 and January 9, 2013, Item B. Regular Study Session Meeting Minutes, December 5, 2012, Item C. Regular Business Meeting Minutes December 12, 2012 and Item D. Regular Study Session Meeting Minutes, December 19, 2012.

CITY OF BAINBRIDGE ISLAND
ACCOUNTS PAYABLE REPORT TO CITY COUNCIL OF CASH DISBURSEMENTS

CHECK RUN: December 11, 2012 - December 24, 2012
CITY COUNCIL: December 12, 2012 - December 26, 2012

Last check from previous run: 331861 dated 12/13/12 issued to West Bay Auto Parts in the amount of 1089.88

Payment Type	Check Date	Check Number	Department/Vendor/Description	Amount
ACH		n/a		
EFT		n/a		
Manual	12/11/12	331862	PW/SeeClickFix/Quarterly License	300.00
Manual	12/14/12	331863	US Bank/Credit Card Purchases	6,860.67
Manual	12/18/12	331935	ENG/WA State Dept of Fish & Wildlife/beach Mains JARPA Permit	150.00
			Manual Checks, Electronic Disbursements	**7,310.67**
Regular Run	12/27/12	331864 - 331934	**Regular Check Run**	**247,087.03**
Regular Run	12/27/12	331936- 331983	**Regular Check Run**	**51,100.94**

Total Disbursements **305,498.64**

Retainage Release	N/A	N/A	No Retainage Release	Ø
Travel Advance	N/A	N/A	No Advance Travel	Ø

Prepared and Reviewed by Linda Steinberg Linda Steinberg, Accounts Payable

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered, or the labor performed as described herein and that the claim is a just, due, and unpaid obligation against the City of Bainbridge Island, and that I am authorized to authenticate and certify to said claim.

Karl R. Shaw 12-20-2012

Karl R. Shaw, Accounting Manager Date

MANUAL

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331862	12/11/2012	PRTD	7240	SEECLICKFIX	181148	2270	07/21/2012		M121112	300.00
Invoice: 2270						PW/SCF PLUS MO LICENSE				
					150.00	72011321 549100	ENG - C/E ADMIN MISCELLEANEOUS			
					150.00	73111290 549100	O&M-STREET-MAINT O/H-MISC			
								CHECK	331862 TOTAL:	300.00
						NUMBER OF CHECKS 1		*** CASH ACCOUNT TOTAL ***		300.00

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	1	300.00

*** GRAND TOTAL *** 300.00

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2012 12 82									
APP 001-213000					GENERAL - ACCOUNTS PAYABLE			150.00	
12/11/2012	M121112	121112			AP CASH DISBURSEMENTS JOURNAL				
APP 635-111100					CASH				300.00
12/11/2012	M121112	121112			AP CASH DISBURSEMENTS JOURNAL				
APP 101-213000					STREETS - ACCOUNTS PAYABLE			150.00	
12/11/2012	M121112	121112			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			300.00	300.00
APP 631-130000					DUE TO/FROM CLEARING			300.00	
12/11/2012	M121112	121112							
APP 001-130000					GENERAL - DUE TO/FROM CLEARING				150.00
12/11/2012	M121112	121112							
APP 101-130000					STREETS - DUE TO/FROM CLEARING				150.00
12/11/2012	M121112	121112							
					SYSTEM GENERATED ENTRIES TOTAL			300.00	300.00
					JOURNAL 2012/12/82 TOTAL			600.00	600.00

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE / ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	82	12/11/2012		
001-130000			GENERAL - DUE TO/FROM CLEARING		150.00
001-213000			GENERAL - ACCOUNTS PAYABLE	150.00	
			FUND TOTAL	150.00	150.00
101 STREET FUND	2012 12	82	12/11/2012		
101-130000			STREETS - DUE TO/FROM CLEARING		150.00
101-213000			STREETS - ACCOUNTS PAYABLE	150.00	
			FUND TOTAL	150.00	150.00
631 CLEARING FUND	2012 12	82	12/11/2012		
631-130000			DUE TO/FROM CLEARING	300.00	
635-111100			CASH		300.00
			FUND TOTAL	300.00	300.00

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	300.00	
001 GENERAL FUND		150.00
101 STREET FUND		150.00
TOTAL	300.00	300.00

** END OF REPORT - Generated by Linda Steinberg **

MANUAL

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
331863	12/14/2012	PRTD	7314 US BANK	181198	10/29/12-BB	11/25/2012		M121412	75.00
Invoice: 10/29/12-BB						POL/KC PROS ATTY/TRAINING			
				75.00	53011212 443410	POLICE - C/E PATROL TRAINING			
				181199	10/30/12-BB	11/25/2012		M121412	246.94
Invoice: 10/30/12-BB						CENTER MASS INC/RIFLE EQ			
				246.94	53011212 531100	PD-C/E-PATROL SUPPLIES			
				181200	11/02/12-BB	11/25/2012		M121412	256.87
Invoice: 11/02/12-BB						POL/GRANDVIEW/WASPC CONF			
				256.87	51011211 543100	PD-C/E-ADM-TRAVEL			
				181201	11/08/12-BB	11/25/2012		M121412	35.00
Invoice: 11/08/12-BB						POL/PAYPAL/EDGEWORK/BOOK			
				35.00	51011214 443410	PD-C/E-ADMIN-TRAINING			
				181202	11/8/12-BB	11/25/2012		M121412	545.00
Invoice: 11/8/12-BB						POL/BUS RADIO LIC/UPD LIC NAME			
				545.00	51011211 549100	PD-C/E-ADM-DUES/SUBCR/MEMBRSHP			
				181203	11/15/12-BB	11/25/2012		M121412	376.60
Invoice: 11/15/12-BB						POL/POCKET PRESS/CRIM BKS			
				376.60	53011212 531100	PD-C/E-PATROL SUPPLIES			
				181204	11/16/12-BB	11/25/2012		M121412	87.00
Invoice: 11/16/12-BB						POL/WAVEBAND COM/EAR EQ			
				87.00	53011212 531100	PD-C/E-PATROL SUPPLIES			
				181205	11/16/12A-BB	11/25/2012		M121412	550.00
Invoice: 11/16/12A-BB						POL/INSIDE THE TAPE/INV TRNG			
				550.00	53011212 443410	POLICE - C/E PATROL TRAINING			
				181206	11/21/12-BB	11/25/2012		M121412	68.00
Invoice: 11/21/12-BB						POL/PAYPAL/EDGEWORK/BOOKS			
				68.00	51011214 443410	PD-C/E-ADMIN-TRAINING			
				181207	11/6/12-BS	11/25/2012		M121412	102.65
Invoice: 11/6/12-BS						POL/PT SUPPLY/SALT AWAY			
				102.65	54025212 531100	MARINE - SUPPLIES			
				181208	11/20/12-BS	11/25/2012		M121412	1,558.41
Invoice: 11/20/12-BS						POL/KA HUI PONO O/REPR/MAINT			
				1,558.41	54025212 548100	MARINE - REPAIRS			
				181209	11/21/12-KB	11/25/2012		M121412	141.36
Invoice: 11/21/12-KB						EX/AMAZON/SPEED OF TRUST BKS			
				141.36	31011131 531100	EXEC - C/E SUPPLIES			
				181210	10/24/12-SM	11/25/2012		M121412	13.15
Invoice: 10/24/12-SM						IT/WSF/ACCIS FALL CONF			
				13.15	81011881 443410	IT - C/E TRAINING			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC			
				181211	10/25/12-SM	11/25/2012		M121412	142.55
Invoice: 10/25/12-SM						IT/SEMIAHMOO RES/ACCIS CONF			
				142.55	81011881 443410	IT - C/E TRAINING			
				181212	1025/12A-SM	11/25/2012		M121412	13.15
Invoice: 1025/12A-SM						IT/WSF/ACCIS FALL CONF			
				13.15	81011881 443410	IT - C/E TRAINING			
				181213	11/02/12-SM	11/25/2012		M121412	22.06
Invoice: 11/02/12-SM						IT/HOBBY STORE/STAMP MACH BATTERY			
				22.06	81011881 535500	IT - C/E COMPUTER PARTS & EQ			
				181214	11/20/12-SM	11/25/2012		M121412	125.00
Invoice: 11/20/12-SM						IT/PAYPAL/VERSIGNGOV/RENW NTWRK			
				125.00	81011881 548500	IT - C/E COMPUTER SUPPORT			
				181215	11/19/12-SM	11/25/2012		M121412	95.88
Invoice: 11/19/12-SM						IT/BUY.COM/MICRO PH MEM CRDS			
				95.88	91011189 535500	GG-C/E-CITY HALL-PC&RELATED SU			
				181216	10/25/12-KJ	11/25/2012		M121412	153.79
Invoice: 10/25/12-KJ						FIN/GAYLORD/BOXES			
				153.79	41011141 531100	FIN - C/E ADMIN SUPPLIES			
				181217	11/15/12-KS	11/25/2012		M121412	50.00
Invoice: 11/15/12-KS						FIN/WFOA/BARS TRAINING			
				50.00	41011144 443410	FIN - C/E TRAINING			
				181218	10/26/12-SS	11/25/2012		M121412	436.12
Invoice: 10/26/12-SS						POL/LA QUINTA/CRIM JUSTICE TRNG			
				436.12	53011212 443410	POLICE - C/E PATROL TRAINING			
				181219	11/15/12-SS	11/25/2012		M121412	50.00
Invoice: 11/15/12-SS						POL/FBI/LEEDA/1 YR MEMBERSHIP			
				50.00	51011211 549100	PD-C/E-ADM-DUES/SUBCR/MEMBRSHP			
				181220	10/31/12-KG	11/25/2012		M121412	1,286.35
Invoice: 10/31/12-KG						ENG/THE KNOWLEDGE/PRJ MGMT CERT			
				640.35	72111436 443410	ENG - ACCESS TRANS TRAINING			
				498.00	72431831 443410	ENG - SSWM ADM TRAINING			
				148.00	72421351 443410	ENG - SEWER TRAINING			
				181221	11/25/12-KG	11/25/2012		M121412	-84.00
Invoice: 11/25/12-KG						ENG/CREDIT MANDALAY LV/CLASS			
				-84.00	72421351 443410	ENG - SEWER TRAINING			
				181222	11/05/12-CK	11/25/2012		M121412	64.12
Invoice: 11/05/12-CK						PW/AMAZON/CELL PH CASES			
				64.12	73638935 531100	OFFICE SUPPLIES			
				181223	11/06/12-CK	11/25/2012		M121412	59.67
Invoice: 11/06/12-CK						PW/KITSAP TIRE/TRAILR RENT			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
				59.67	53011212 548100	POLICE - C/E PATROL MAINTENANC			
				181224	10/24/12-CK	11/25/2012		M121412	66.00
	Invoice: 10/24/12-CK					PW/ASE/TEST REG FEE-MECHANIC			
				66.00	73637891 549100	DUES/SUBSCRIPTIONS			
				181225	11/13/12-LN	11/25/2012		M121412	65.00
	Invoice: 11/13/12-LN					ENG/KCAWWA/TRAINING			
				65.00	72011324 443410	ENG - C/E - TRAINING			
				181226	11/15/12-LN	11/25/2012		M121412	259.00
	Invoice: 11/15/12-LN					ENG/GREEN RIV COLL/TRAINING			
				259.00	72011324 443410	ENG - C/E - TRAINING			
						CHECK 331863 TOTAL:			6,860.67

NUMBER OF CHECKS 1 *** CASH ACCOUNT TOTAL *** 6,860.67

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	1	6,860.67

*** GRAND TOTAL *** 6,860.67

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE / JNL DESC / REF 1 / REF 2 / REF 3	ACCOUNT DESC / LINE DESC	T OB	DEBIT	CREDIT
2012 12 172				
APP 001-213000	GENERAL - ACCOUNTS PAYABLE		5,528.20	
12/14/2012 M121412 121412	AP CASH DISBURSEMENTS JOURNAL			
APP 635-111100	CASH			6,860.67
12/14/2012 M121412 121412	AP CASH DISBURSEMENTS JOURNAL			
APP 101-213000	STREETS - ACCOUNTS PAYABLE		640.35	
12/14/2012 M121412 121412	AP CASH DISBURSEMENTS JOURNAL			
APP 403-213000	ACCOUNTS PAYABLE		498.00	
12/14/2012 M121412 121412	AP CASH DISBURSEMENTS JOURNAL			
APP 402-213000	ACCOUNTS PAYABLE		64.00	
12/14/2012 M121412 121412	AP CASH DISBURSEMENTS JOURNAL			
APP 631-213000	ACCOUNTS PAYABLE		130.12	
12/14/2012 M121412 121412	AP CASH DISBURSEMENTS JOURNAL			
	GENERAL LEDGER TOTAL		6,860.67	6,860.67
APP 631-130000	DUE TO/FROM CLEARING		6,730.55	
12/14/2012 M121412 121412				
APP 001-130000	GENERAL - DUE TO/FROM CLEARING			5,528.20
12/14/2012 M121412 121412				
APP 101-130000	STREETS - DUE TO/FROM CLEARING			640.35
12/14/2012 M121412 121412				
APP 403-130000	DUE TO/FROM CLEARING			498.00
12/14/2012 M121412 121412				
APP 402-130000	DUE TO/FROM CLEARING			64.00
12/14/2012 M121412 121412				
	SYSTEM GENERATED ENTRIES TOTAL		6,730.55	6,730.55
	JOURNAL 2012/12/172 TOTAL		13,591.22	13,591.22

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	172	12/14/2012			
001-130000				GENERAL - DUE TO/FROM CLEARING		5,528.20
001-213000				GENERAL - ACCOUNTS PAYABLE	5,528.20	
				FUND TOTAL	5,528.20	5,528.20
101 STREET FUND	2012 12	172	12/14/2012			
101-130000				STREETS - DUE TO/FROM CLEARING		640.35
101-213000				STREETS - ACCOUNTS PAYABLE	640.35	
				FUND TOTAL	640.35	640.35
402 SEWER OPERATING FUND	2012 12	172	12/14/2012			
402-130000				DUE TO/FROM CLEARING		64.00
402-213000				ACCOUNTS PAYABLE	64.00	
				FUND TOTAL	64.00	64.00
403 STORM & SURFACE WATER FUND	2012 12	172	12/14/2012			
403-130000				DUE TO/FROM CLEARING		498.00
403-213000				ACCOUNTS PAYABLE	498.00	
				FUND TOTAL	498.00	498.00
631 CLEARING FUND	2012 12	172	12/14/2012			
631-130000				DUE TO/FROM CLEARING	6,730.55	
631-213000				ACCOUNTS PAYABLE	130.12	
635-111100				CASH		6,860.67
				FUND TOTAL	6,860.67	6,860.67

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	6,730.55	
001 GENERAL FUND		5,528.20
101 STREET FUND		640.35
403 STORM & SURFACE WATER FUND		498.00
402 SEWER OPERATING FUND		64.00
TOTAL	6,730.55	6,730.55

** END OF REPORT - Generated by Linda Steinberg **

MANUAL

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331935	12/18/2012	PRTD	4594	WA ST DEPT OF FISH A	181433	121812A	12/18/2012		M121812	150.00
Invoice: 121812A							PW/EAGLE HARB BCH SWR REP/JARPA PERMIT			
					150.00	72423434 64980000471	BEACH MAIN REPL DES-CAP PERMIT			
								CHECK	331935 TOTAL:	150.00
							NUMBER OF CHECKS 1	*** CASH ACCOUNT TOTAL ***		150.00

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	1	150.00

*** GRAND TOTAL *** 150.00

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2012 12 218									
APP 402-213000					ACCOUNTS PAYABLE			150.00	
12/18/2012	M121812	121812			AP CASH DISBURSEMENTS JOURNAL				
APP 635-111100					CASH				150.00
12/18/2012	M121812	121812			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			150.00	150.00
APP 631-130000					DUE TO/FROM CLEARING			150.00	
12/18/2012	M121812	121812							
APP 402-130000					DUE TO/FROM CLEARING				150.00
12/18/2012	M121812	121812							
					SYSTEM GENERATED ENTRIES TOTAL			150.00	150.00
					JOURNAL 2012/12/218 TOTAL			300.00	300.00

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE / ACCOUNT DESCRIPTION		DEBIT	CREDIT
402 SEWER OPERATING FUND	2012 12	218	12/18/2012			
402-130000			DUE TO/FROM CLEARING			150.00
402-213000			ACCOUNTS PAYABLE		150.00	
				FUND TOTAL	150.00	150.00
631 CLEARING FUND	2012 12	218	12/18/2012			
631-130000			DUE TO/FROM CLEARING		150.00	
635-111100			CASH			150.00
				FUND TOTAL	150.00	150.00

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	150.00	
402 SEWER OPERATING FUND		150.00
TOTAL	150.00	150.00

** END OF REPORT - Generated by Linda Steinberg **

Regular

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331864	12/18/2012	PRTD	5	ACE HARDWARE	181176	22748	12/04/2012		12/23/12	1.93
Invoice: 22748						PW/WALLPLATES X 2				
					1.93	73011897 548100	O&M-C/E-PWYD FAC-REPAIRS			
					181177	22756	12/05/2012		12/23/12	12.99
Invoice: 22756						PW/RUBBING ALCOHOL				
					12.99	73411345 531100	OFFICE SUPPLIES			
					181292	22759	12/05/2012		12/23/12	59.65
Invoice: 22759						PW/2 HALOGEN LIGHTS/5 PLUG INS				
					59.65	73011183 548100	O&M-C/E-CH FAC-REPAIRS			
					181293	22776	12/07/2012		12/23/12	28.76
Invoice: 22776						PW/2 XENON BULBS/FASTENERS				
					28.76	73011183 548100	O&M-C/E-CH FAC-REPAIRS			
					181294	22779	12/07/2012		12/23/12	-23.87
Invoice: 22779						PW/CREDIT-XENON BULBS				
					-23.87	73011183 548100	O&M-C/E-CH FAC-REPAIRS			
					181295	22780	12/07/2012		12/23/12	34.71
Invoice: 22780						PW/MR16 HALO BULBS X 4				
					34.71	73011183 548100	O&M-C/E-CH FAC-REPAIRS			
					181296	22806	12/11/2012		12/23/12	17.35
Invoice: 22806						PW/MR 16 HALO BULBS X 2				
					17.35	73011183 548100	O&M-C/E-CH FAC-REPAIRS			
					181297	22814	12/11/2012		12/23/12	65.15
Invoice: 22814						PW/POLY TARP 20X30				
					65.15	73111423 531100	OFFICE SUPPLIES			
					181298	22820	12/12/2012		12/23/12	30.35
Invoice: 22820						PW/TURF BLDR/TOP SOIL 1CF				
					30.35	73431253 54810000611	2012-11 STORM RECOV-REPAIRS			
							CHECK	331864	TOTAL:	227.02
331865	12/18/2012	PRTD	863	INTERSTATE BATTERIES	181178	21065323	12/06/2012		12/23/12	311.95
Invoice: 21065323						PW/BATTERIES/CH GEN/SUPPL				
					91.17	41011189 548100	FIN - C/E CNTL SVC REPAIRS			
					9.12	73638935 531100	OFFICE SUPPLIES			
					95.51	73411345 548100	REPAIRS & MAINTENANCE			
					116.15	53011212 548100	POLICE - C/E PATROL MAINTENANC			
							CHECK	331865	TOTAL:	311.95
331866	12/18/2012	PRTD	6393	AMERICAN DATA GUARD	181301	56535	12/07/2012		12/23/12	360.00
Invoice: 56535						FIN/ON-SITE SHREDDING SVC				
					360.00	44011143 541100	RECORDS MNGT - C/E PROF SVCS			

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
							CHECK	331866 TOTAL:		360.00
331867	12/18/2012	PRTD	4550	WASHINGTON WATER UTI	181290	1616	12/01/2012		12/23/12	250.00
Invoice: 1616							PW/WWUC 2013 DUES			
					250.00	73411345 549100	DUES/SUBSCRIPTIONS			
							CHECK	331867 TOTAL:		250.00
331868	12/18/2012	PRTD	5907	AMSAN OLYMPIC SUPPLY	181299	278417720	12/04/2012		12/23/12	1,340.12
Invoice: 278417720							PW/TOWELLS/TISSUES/LINERS			
					1,340.12	73637948 531100	O&M ALLOC-CITY WIDE SUPPLIES			
							CHECK	331868 TOTAL:		1,340.12
331869	12/18/2012	PRTD	4710	ASSOCIATED PETROLEU	181302	0375602-IN	12/06/2012		12/23/12	2,554.99
Invoice: 0375602-IN							PW/875 GAL ETHANOL			
					2,554.99	73638932 532000	O&M-FUEL ALLOC TO OTH DEPTS			
					181303	0375604-IN	12/06/2012		12/23/12	2,341.08
Invoice: 0375604-IN							PW/680 GAL DIESEL FUEL			
					2,341.08	73638893 532000	O&M-FUEL USE-ALLOCATION			
					181304	9009745-IN	12/06/2012		12/23/12	1.09
Invoice: 9009745-IN							PW/PROPANE TANK RENTAL			
					1.09	91011897 547200	GG-C/E-O&M YARD FAC-PROPANE			
							CHECK	331869 TOTAL:		4,897.16
331870	12/18/2012	PRTD	1235	AT&T ONENET SERVICE	181305	1255852079	12/01/2012		12/23/12	8.67
Invoice: 1255852079							FIN/DEC12 FAX LONG DISTANCE			
					8.67	91011189 542100	GG-C/E-CITY HALL-PHONE			
							CHECK	331870 TOTAL:		8.67
331871	12/18/2012	PRTD	1235	AT&T ONENET SERVICE	181180	1255861026	12/01/2012		12/23/12	.34
Invoice: 1255861026							PCD/DEC12 FAX LONG DISTANCE			
					.34	91011189 542100	GG-C/E-CITY HALL-PHONE			
							CHECK	331871 TOTAL:		.34
331872	12/18/2012	PRTD	736	AVAYA INC	181333	2732286145	12/08/2012	21200012	12/23/12	1,490.06
Invoice: 2732286145							IT/DEC12 PHONE SYSTEM MAINT			
					1,490.06	81011881 548500	IT - C/E COMPUTER SUPPORT			

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CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC			
							CHECK 331872 TOTAL:		1,490.06
331873	12/18/2012	PRTD	55 BAINBRIDGE ISLAND RE	181182	689462	11/19/2012		12/23/12	122.00
Invoice: 689462						PCD/SEPA MADRONA TOWNHOMES			
					122.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
							CHECK 331873 TOTAL:		122.00
331874	12/18/2012	PRTD	55 BAINBRIDGE ISLAND RE	181183	689435	11/19/2012		12/23/12	76.00
Invoice: 689435						PCD/BLAKELY HARBOR			
					76.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
				181184	692178	11/19/2012		12/23/12	131.00
Invoice: 692178						PCD/AUSTIN/KANVIK			
					131.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
				181185	692180	11/19/2012		12/23/12	122.00
Invoice: 692180						PCD/REILLY PERMIT			
					122.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
				181186	692181	11/19/2012		12/23/12	50.00
Invoice: 692181						PCD/HISTOR PRES/WHALLEY HSE			
					50.00 61011581 544000	PCD - C/E ADMIN ADVERTISING			
				181187	705239	11/19/2012		12/23/12	131.00
Invoice: 705239						PCD/ALBER VEG PERMIT			
					131.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
				181188	702636	11/19/2012		12/23/12	80.00
Invoice: 702636						PCD/NOI/LONSETH			
					80.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
				181189	702646	11/19/2012		12/23/12	108.00
Invoice: 702646						PCD/HAWKINS/REAS USE			
					108.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
				181190	702655	11/19/2012		12/23/12	100.00
Invoice: 702655						PCD/WALLACE/SHORELINE			
					100.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
				181191	702656	11/19/2012		12/23/12	102.00
Invoice: 702656						PCD/MURPHY/SHORELINE			
					102.00 63470586 544000	CUR - DEV ZONING ADVERTISING			
				181192	705237	11/19/2012		12/23/12	96.00
Invoice: 705237						PCD/PATRICK LIV TRUST			
					96.00 63470586 544000	CUR - DEV ZONING ADVERTISING			

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
				INVOICE DTL DESC						
							CHECK	331874	TOTAL:	996.00
331875	12/18/2012	PRTD	57	BAY HAY & FEED	181181	898647	12/06/2012		12/23/12	59.46
Invoice: 898647							PW/BULK PROPANE			
					59.46	91011897 547200	GG-C/E-O&M YARD FAC-PROPANE			
							CHECK	331875	TOTAL:	59.46
331876	12/18/2012	PRTD	4901	BRABER EQUIPMENT	181193	73127	11/30/2012		12/23/12	204.81
Invoice: 73127							PW/KITS/OIL SEALS/PISTONS			
					204.81	73011897 548100	O&M-C/E-PWYD FAC-REPAIRS			
							CHECK	331876	TOTAL:	204.81
331877	12/18/2012	PRTD	78	BROWNE ENGINEERING I	181400	6599	12/07/2012	21200115	12/23/12	900.00
Invoice: 6599							YEOMALT DESIGN STUDY			
					900.00	72433438 64110000231	ANN DRAIN PRG-CAP P SVCS/DES			
					181401	6601	12/07/2012	21200115	12/23/12	1,400.00
Invoice: 6601							YEOMALT DESIGN STUDY			
					1,400.00	72433438 64110000231	ANN DRAIN PRG-CAP P SVCS/DES			
							CHECK	331877	TOTAL:	2,300.00
331878	12/18/2012	PRTD	4279	THOMAS G CARLSON	181194	2012-43	12/06/2012		12/23/12	561.46
Invoice: 2012-43							FIN/3Q TAX DATA ANALYSIS			
					561.46	41011141 541100	FIN - C/E ADMIN PROF SERVICES			
							CHECK	331878	TOTAL:	561.46
331879	12/18/2012	PRTD	4586	CHS, INC.	181195	623474	12/03/2012		12/23/12	334.71
Invoice: 623474							PW/50# SALT BAGS X 49			
					334.71	73411345 531100	OFFICE SUPPLIES			
							CHECK	331879	TOTAL:	334.71
331880	12/18/2012	PRTD	551	CENUTRYLINK	181227	0225DEC12	12/02/2012		12/23/12	71.91
Invoice: 0225DEC12							O&M FIRE ALARM MONITORING			
					71.91	91011897 542100	GG-C/E-O&M YARD FAC-PHONE			
					181228	0754DEC12	12/02/2012		12/23/12	70.95
Invoice: 0754DEC12							FLETCHER BAY WELL TELEMETRY			
					70.95	91411891 542100	GG-WTR-FAC-PHONE			
					181229	1745DEC12	12/02/2012		12/23/12	35.27
Invoice: 1745DEC12							CITY HALL ELEVATOR LINE			

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CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC			
				35.27	91011189 542100	GG-C/E-CITY HALL-PHONE			
				181230	3271DEC12	12/02/2012		12/23/12	34.36
Invoice: 3271DEC12						O&M DIAL IN EMERGENCY			
				34.36	91011897 542100	GG-C/E-O&M YARD FAC-PHONE			
				181231	3736DEC12	12/02/2012		12/23/12	71.91
Invoice: 3736DEC12						CITY HALL FIRE ALARM MONIT			
				71.91	91011189 542100	GG-C/E-CITY HALL-PHONE			
				181232	3542DEC12	12/02/2012		12/23/12	34.36
Invoice: 3542DEC12						POLICE DIAL IN EMERGENCY			
				34.36	91011215 542100	GG-C/E-PD-PHONE			
				181233	4110EC12	12/02/2012		12/23/12	34.36
Invoice: 4110EC12						CITY HALL DIAL IN EMERGENCY			
				34.36	91011189 542100	GG-C/E-CITY HALL-PHONE			
				181234	5100DEC12	12/02/2012		12/23/12	45.95
Invoice: 5100DEC12						POLICE BACK DOOR LINE			
				45.95	91011215 542100	GG-C/E-PD-PHONE			
				181235	5211DEC12	12/02/2012		12/23/12	128.36
Invoice: 5211DEC12						POLICE PHONE SERVICE			
				128.36	91011215 542100	GG-C/E-PD-PHONE			
				181236	8731DEC12	12/02/2012		12/23/12	34.36
Invoice: 8731DEC12						COMMONS FIRE ALARM			
				34.36	91011755 542100	GG-C/E-COMMONS-PHONE			
				181237	9136DEC12	12/02/2012		12/23/12	92.38
Invoice: 9136DEC12						CITY HALL SECURITY ALARM			
				92.38	91011189 542100	GG-C/E-CITY HALL-PHONE			
				181238	9791DEC12	12/02/2012		12/23/12	137.33
Invoice: 9791DEC12						POL T-1 MANDUS TO CENCOM			
				137.33	91011215 542100	GG-C/E-PD-PHONE			
				181239	9840DEC12	12/02/2012		12/23/12	50.35
Invoice: 9840DEC12						HEAD OF BAY WELL TELEMETRY			
				50.35	91411891 542100	GG-WTR-FAC-PHONE			
				181240	9858DEC12	12/02/2012		12/23/12	50.92
Invoice: 9858DEC12						SANDS AVE WELL TELEMETRY			
				50.92	91411891 542100	GG-WTR-FAC-PHONE			
						CHECK	331880 TOTAL:		892.77
331881	12/18/2012	PRTD	99 CINTAS CORPORATION #	181196	461198668	11/29/2012		12/23/12	361.12
Invoice: 461198668						PW/LAUNDRY SERVICES			
				361.12	73638893 589310	LAUNDRY SERVICES			

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
					181197	461201778	12/06/2012		12/23/12	361.12
				Invoice: 461201778			PW/LAUNDRY SERVICES			
					361.12	73638893 589310	LAUNDRY SERVICES			
					181248	461204881	12/13/2012		12/23/12	361.12
				Invoice: 461204881			PW/LAUNDRY SERVICES			
					361.12	73638893 589310	LAUNDRY SERVICES			
							CHECK	331881	TOTAL:	1,083.36
331882	12/18/2012	PRTD	634	CITY OF BAINBRIDGE I	181242	SUR18388	12/02/2012		12/23/12	1,526.00
				Invoice: SUR18388			SUR18388/DRIPPG WTR CREEK CULV			
					1,526.00	72433438 64980000577	DRIPPING WTR CRK ADCP-PERMITS			
							CHECK	331882	TOTAL:	1,526.00
331883	12/18/2012	PRTD	51	BAINBRIDGE ISLAND	181241	12/11/12	12/02/2012		12/23/12	50.00
				Invoice: 12/11/12			OUT COURT REC#423514			
					50.00	63638 389000	COURT NON-REVENUE			
							CHECK	331883	TOTAL:	50.00
331884	12/18/2012	PRTD	460	CITY OF BI - PETTY C	181249	12/03/12	12/03/2012		12/23/12	10.00
				Invoice: 12/03/12			FIN/PETTY CASH/SUTTON GAS PURCH			
					10.00	61011581 532000	PCDADM-C/E-FUEL			
							CHECK	331884	TOTAL:	10.00
331885	12/18/2012	PRTD	4513	WASTE MANAGEMENT	181243	0033752-2588-9	11/15/2012		12/23/12	24,366.03
				Invoice: 0033752-2588-9			DISPOSAL SVC DECANT			
					24,366.03	91435838 547900	GG-DECANT-GARBAGE			
					181244	0033832-2588-9	12/01/2012		12/23/12	1,692.13
				Invoice: 0033832-2588-9			DISPOSAL SVC DECANT			
					1,692.13	91435838 547900	GG-DECANT-GARBAGE			
							CHECK	331885	TOTAL:	26,058.16
331886	12/18/2012	PRTD	7166	COOK TELECOM, INC	181245	8893972	12/01/2012		12/23/12	65.72
				Invoice: 8893972			PW/DEC12 PAGING SERVICE			
					65.72	73637891 542100	O&M - ALLOC FACIL TELEPHONE			
							CHECK	331886	TOTAL:	65.72

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						INVOICE DTL DESC				
331887	12/18/2012	PRTD	142	COPIERS NORTHWEST IN	181246	INV785328	11/30/2012		12/23/12	228.18
	Invoice: INV785328						EX/FIN/COPIER LEASE			
					114.09	31011131 545000	EXEC - C/E RENTS & LEASES			
					114.09	41011141 545000	FIN - C/E ADMIN RENTS & LEASES			
					181247	INV785329	11/30/2012		12/23/12	113.14
	Invoice: INV785329						EX/FIN/COPIER MAINT			
					56.57	31011131 548100	EXEC - C/E MAINT & REPAIRS			
					56.57	41011141 548100	FIN - C/E ADMIN REPAIRS/MAINT			
					181402	INV791448	12/13/2012		12/23/12	133.85
	Invoice: INV791448						CRT/IR32351 COPIER LEASE			
					133.85	21011125 545000	COURT - RENTS & LEASES - OPER			
					181403	INV791449	12/13/2012		12/23/12	23.23
	Invoice: INV791449						CRT/IR32351 COPIER MAINTENANCE			
					23.23	21011125 548500	COURT - COMPUTER SUPPORT MAINT			
							CHECK	331887	TOTAL:	498.40
331888	12/18/2012	PRTD	152	DAILY JOURNAL OF COM	181306	3269104	12/07/2012		12/23/12	49.20
	Invoice: 3269104						HR/POL CHIEF RECRUIT AD			
					49.20	33011161 544151	HR-ADV-EE RECRUIT-POLICE			
					181404	3269263	12/12/2012		12/23/12	61.50
	Invoice: 3269263						ENG/TRENCHLS REPR FEASABIL AD			
					61.50	72433438 64400000231	ANN DRAIN PRG-CAP ADV			
							CHECK	331888	TOTAL:	110.70
331889	12/18/2012	PRTD	7644	DELTA ENTERPRISES, I	181307	26843	12/10/2012		12/23/12	76.14
	Invoice: 26843						ENG/GRAM SILICA GEL PAKS X 3000			
					76.14	72431835 53110000451	MONITORING-SUPPLIES			
							CHECK	331889	TOTAL:	76.14
331890	12/18/2012	PRTD	672	DSC INC	181250	89964	11/30/2012		12/23/12	34.85
	Invoice: 89964						PW/WIRE/O RING/PIPE			
					17.42	73111423 548100	REPAIRS & MAINTENANCE			
					17.43	73111427 548100	O&M-ACCESS RDSIDE R&M			
							CHECK	331890	TOTAL:	34.85
331891	12/18/2012	PRTD	1953	FERGUSON ENTERPRISES	181251	0362661	12/06/2012		12/23/12	2,449.89
	Invoice: 0362661						PW/WELL WTR METER/BOLTS			
					2,449.89	73411345 548100	REPAIRS & MAINTENANCE			

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
							CHECK	331891 TOTAL:		2,449.89
331892	12/18/2012	PRTD	5681	SANDY L FRANCIS	181405	12/02/12	12/02/2012		12/23/12	217.60
Invoice: 12/02/12						CRT/4 HRS/MILAGE				
					217.60	21011125 541100	COURT - PROFESSIONAL SERVICES			
							CHECK	331892 TOTAL:		217.60
331893	12/18/2012	PRTD	253	HACH COMPANY	181254	8043246	11/26/2012		12/23/12	331.06
Invoice: 8043246						ENG/BUFFER SOLN/GLOVES/SOD CHL				
					331.06	72431835 53110000451	MONITORING-SUPPLIES			
					181255	8044895	11/27/2012		12/23/12	42.98
Invoice: 8044895						ENG/GLOVES-NITRILE				
					42.98	72431835 53110000451	MONITORING-SUPPLIES			
							CHECK	331893 TOTAL:		374.04
331894	12/18/2012	PRTD	4850	HOME DEPOT CREDIT SE	181256	11/30/12	11/30/2012		12/23/12	778.66
Invoice: 11/30/12						PW/36" VANITY CABINET				
					778.66	73011215 54810000607	PD SEWER REPAIRS-REPAIRS			
							CHECK	331894 TOTAL:		778.66
331895	12/18/2012	PRTD	1826	JOHNSON CONTROLS INC	181406	1-6122862673	11/30/2012	21200072	12/23/12	1,702.31
Invoice: 1-6122862673						BLDNG SRVCS CONTRACT-2012				
					1,276.73	73011183 54810000495	BLDG SVCS CONTR-CH-MAINT			
					42.57	73011215 54810000495	BLDG SVCS CONTR-PD-MAINT			
					136.18	73011755 54810000495	BLDG SVCS CONTR-CMNS-MAINT			
					187.26	73011897 54810000495	BLDG SVCS CONTR-PW YD-MAINT			
					59.57	73425358 54810000495	BLDG SVCS CONTR-WWTP-MAINT			
							CHECK	331895 TOTAL:		1,702.31
331896	12/18/2012	PRTD	1971	KELLEY IMAGING SYSTE	181257	097097	12/06/2012		12/23/12	1,042.56
Invoice: 097097						ENG/COPIER S4540C MAINT				
					62.55	72111431 548100	ENG - ACCESS MGMT REPAIR/MAINT			
					500.43	72011321 548100	ENG - C/E ADMIN REPAIRS			
					166.81	72411341 548100	ENG - WATER ADMIN REPAIRS			
					125.11	72421351 548100	ENG - SEWER ADMIN REPAIRS			
					125.11	71011321 548100	PW - C/E REPAIRS & MAINTENANCE			
					62.55	72011325 548100	ENG - C/E FACIL REPAIRS/MAINT			
							CHECK	331896 TOTAL:		1,042.56

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331897	12/18/2012	PRTD	579	KITSAP SUN	181308	5041315	11/16/2012		12/23/12	81.00
Invoice: 5041315							EX/CALL FOR CITIZEN PARTIC			
					81.00	31011131 542440	EX-C/E-COMMUNITY INFO ADS			
							CHECK	331897 TOTAL:		81.00
331898	12/18/2012	PRTD	309	KITSAP TIRE CENTER I	181258	180512	12/04/2012		12/23/12	559.99
Invoice: 180512							PW/POL CAR TIRE/BAL/SPIN			
					559.99	53011212 548100	POLICE - C/E PATROL MAINTENANC			
					181259	180557	12/07/2012		12/23/12	559.99
Invoice: 180557							PW/POL CAR TIRES/BAL/SPIN			
					559.99	53011212 548100	POLICE - C/E PATROL MAINTENANC			
							CHECK	331898 TOTAL:		1,119.98
331899	12/18/2012	PRTD	7646	CRYSTAL KOCH & TIM C	181260	BLD18222REF	12/10/2012		12/23/12	102.17
Invoice: BLD18222REF							PCD/REFUND DUPL PAYMENT			
					97.67	47148 322100	BUILDINGS, STRUCT. & EQ			
					4.50	65238 386000	SBCC - SBCC FEE			
							CHECK	331899 TOTAL:		102.17
331900	12/18/2012	PRTD	6577	LAKESIDE INDUSTRIES	181261	3243517MB	11/28/2012		12/23/12	1,109.09
Invoice: 3243517MB							PW/9.93 TONS ASPHALT			
					1,109.09	73111423 548100	REPAIRS & MAINTENANCE			
							CHECK	331900 TOTAL:		1,109.09
331901	12/18/2012	PRTD	6149	LANGUAGE LINE SERVIC	181407	3044912	10/31/2012		12/23/12	205.98
Invoice: 3044912							CRT/INTERPRET LANG SVC			
					205.98	21011125 541230	COURT - INTERPRETER			
							CHECK	331901 TOTAL:		205.98
331902	12/18/2012	PRTD	6597	NPELRA	181262	LONGFIELD30716-13	12/12/2012		12/23/12	200.00
Invoice: LONGFIELD30716-13							FIN/MEMBERSHIP RENEW 2013			
					200.00	33011161 549100	HR-C/E-DUES & SUBSCRIPTIONS			
							CHECK	331902 TOTAL:		200.00
331903	12/18/2012	PRTD	113	OFFICE OF THE CODE R	181408	21027-1	12/03/2012		12/23/12	39.78
Invoice: 21027-1							CRT/REVISED 2012 WA CODE			
					39.78	21011125 549100	COURT-DUES/SUBSCR/MEMBERSHIPS			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
							CHECK	331903 TOTAL:		39.78
331904	12/18/2012	PRTD	7170	O.P.E.N. AMERICA, IN	181314	INV605851	11/01/2012	21200026	12/23/12	2,451.92
Invoice: INV605851							2012 JANITORIAL SVC CONTRACT			
					2,451.92	91011183 54110000269	JANITORIAL CONTRACT-PRO SVCS			
					181315	INV606938	12/01/2012	21200026	12/23/12	2,451.92
Invoice: INV606938							2012 JANITORIAL SVC CONTRACT			
					2,451.92	91011183 54110000269	JANITORIAL CONTRACT-PRO SVCS			
							CHECK	331904 TOTAL:		4,903.84
331905	12/18/2012	PRTD	4129	OWEN EQUIPMENT COMPA	181263	57122	11/29/2012		12/23/12	151.93
Invoice: 57122							PW/FLEX HOSE ASSEMBLY			
					151.93	73421355 548100	WIN COLL-R&M			
							CHECK	331905 TOTAL:		151.93
331906	12/18/2012	PRTD	1245	PACIFIC WELDING SUPP	181264	01101746	11/30/2012		12/23/12	400.96
Invoice: 01101746							PW/MISC WELDING SUPPLIES			
					400.96	73638935 531100	OFFICE SUPPLIES			
							CHECK	331906 TOTAL:		400.96
331907	12/18/2012	PRTD	5977	PAPER PRODUCTS ETC	181265	500720	11/15/2012		12/23/12	3.47
Invoice: 500720							FIN/RUBBER BANDS			
					3.47	41011141 531100	FIN - C/E ADMIN SUPPLIES			
					181266	500729	11/19/2012		12/23/12	68.42
Invoice: 500729							FIN/BS RND RING/INDEX			
					68.42	41011141 531100	FIN - C/E ADMIN SUPPLIES			
					181309	500832	12/17/2012		12/23/12	13.28
Invoice: 500832							ENG/2013 WALL CALENDAR			
					13.28	72011321 531100	ENG - C/E ADMIN SUPPLIES			
					181316	500829	12/12/2012		12/23/12	236.38
Invoice: 500829							EX/FIN/COPY PAPER/WALL CALENDAR			
					72.90	31011131 531100	EXEC - C/E SUPPLIES			
					163.48	41011141 531100	FIN - C/E ADMIN SUPPLIES			
					181317	500814	12/13/2012		12/23/12	1.69
Invoice: 500814							FIN/1 BX RUBBER BANDS			
					1.69	41011141 531100	FIN - C/E ADMIN SUPPLIES			
							CHECK	331907 TOTAL:		323.24

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
331908	12/18/2012	PRTD	422 PLANNING ASSOCIATION	181300	4127	12/06/2012		12/23/12	50.00
	Invoice: 4127					HR/JOB LIST/SR PROJ PLNR			
				50.00	33011161 544161	HR-ADV-EE RECRUIT-PCD			
						CHECK 331908 TOTAL:			50.00
331909	12/18/2012	PRTD	4112 PROTHMAN COMPANY	181310	2012-3679	12/11/2012	21200124	12/23/12	8,492.35
	Invoice: 2012-3679					INTERIM PUBLIC SAFETY DIRECTOR			
				8,492.35	51011211 541100	PD-C/E-ADM-PROF SVCS			
						CHECK 331909 TOTAL:			8,492.35
331910	12/18/2012	PRTD	1205 PUGET SOUND ENERGY	181334	696NOV12	11/30/2012		12/23/12	10.28
	Invoice: 696NOV12					BJUNE/WFP BOOTH EL PANEL			
				10.28	91011768 547100	GG-C/E-PARKS-ELECTRIC			
				181335	823NOV12	11/30/2012		12/23/12	10.28
	Invoice: 823NOV12					BRIEN DRIVE N/BOOTH EL PANEL			
				10.28	91011768 547100	GG-C/E-PARKS-ELECTRIC			
				181336	640NOV12	11/30/2012		12/23/12	51.68
	Invoice: 640NOV12					BRIEN DRIVE S/BOOTH EL PANEL			
				51.68	91011768 547100	GG-C/E-PARKS-ELECTRIC			
				181337	573NOV12	11/30/2012		12/23/12	13.31
	Invoice: 573NOV12					COMMODORE/HS RESERVOIR			
				13.31	91411345 547100	GG-WTR-ELECTRIC			
				181338	093NOV12	11/30/2012		12/23/12	1,131.11
	Invoice: 093NOV12					FLETCHER BAY WELL FIELD			
				1,131.11	91411345 547100	GG-WTR-ELECTRIC			
				181339	256NOV12	11/30/2012		12/23/12	437.11
	Invoice: 256NOV12					SLS-8 HWY 305/HARBORVIEW			
				437.11	91421355 547100	GG-SWR-ELECTRIC			
				181340	291NOV12	11/30/2012		12/23/12	13.02
	Invoice: 291NOV12					HEAD OF THE BAY WELL FIELD			
				13.02	91411345 547100	GG-WTR-ELECTRIC			
				181341	031NOV12	11/30/2012		12/23/12	140.24
	Invoice: 031NOV12					SLS-6 LOVELL LOWER			
				140.24	91421355 547100	GG-SWR-ELECTRIC			
				181342	466NOV12	11/30/2012		12/23/12	11.30
	Invoice: 466NOV12					MADISON/HS RAINBRINGER			
				11.30	91111264 547100	GG-STREET-TRAF CONTROL-UTILITY			
				181343	893NOV12	11/30/2012		12/23/12	3,020.60

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
Invoice: 893NOV12					MUNICIPAL STREET LIGHTING				
				3,020.60	91111263 547100 GG-STRT-STREET LIGHTING-UTIL				
				181344	143NOV12	11/30/2012		12/23/12	14.42
Invoice: 143NOV12					REITAIN ROAD/WELCOME TO BI				
				14.42	91111264 547100 GG-STREET-TRAF CONTROL-UTILITY				
				181345	735NOV12	11/30/2012		12/23/12	54.61
Invoice: 735NOV12					SHANNON DRIVE/WFP DOCK				
				54.61	91011768 547100 GG-C/E-PARKS-ELECTRIC				
				181346	736NOV12	11/30/2012		12/23/12	64.40
Invoice: 736NOV12					SHANNON DRIVE/WFP RESTROOM				
				64.40	91011768 547100 GG-C/E-PARKS-ELECTRIC				
				181347	647NOV12	11/30/2012		12/23/12	30.87
Invoice: 647NOV12					STREET LIGHTS/TRAFFIC CONTROL				
				30.87	91111263 547100 GG-STRT-STREET LIGHTING-UTIL				
				181348	021NOV12	11/30/2012		12/23/12	80.65
Invoice: 021NOV12					SLS-3 TREATMENT PLANT				
				80.65	91421355 547100 GG-SWR-ELECTRIC				
				181349	710NOV12	11/30/2012		12/23/12	215.37
Invoice: 710NOV12					SLS-2 VILLAGE CENTER				
				215.37	91421355 547100 GG-SWR-ELECTRIC				
				181350	168NOV12	11/30/2012		12/23/12	47.75
Invoice: 168NOV12					WATERFRONT PARK				
				47.75	91011768 547100 GG-C/E-PARKS-ELECTRIC				
				181351	717NOV12	11/30/2012		12/23/12	313.92
Invoice: 717NOV12					POLICE STATION - METER ONE (ORIGINAL METER)				
				313.92	91011215 547100 GG-C/E-PD-ELECTRIC				
				181352	111NOV12	11/30/2012		12/23/12	495.60
Invoice: 111NOV12					POLICE STATION - METER TWO				
				495.60	91011215 547100 GG-C/E-PD-ELECTRIC				
				181353	520-298NOV12	11/30/2012		12/23/12	264.44
Invoice: 520-298NOV12					SLS-5 WW/SUNDAY COVE				
				264.44	91421355 547100 GG-SWR-ELECTRIC				
				181354	797NOV12	11/30/2012		12/23/12	153.18
Invoice: 797NOV12					MUNICIPAL COURT - METER E3 - 10255 NE Valley Road				
				153.18	91011255 547100 GG-C/E-COURT BLDG-ELECTRIC				
				181355	182NOV12	11/30/2012		12/23/12	61.38
Invoice: 182NOV12					MUNICIPAL COURT - METER E6 - 10255 NE Valley Road				
				61.38	91011255 547100 GG-C/E-COURT BLDG-ELECTRIC				
				181356	520-374NOV12	11/30/2012		12/23/12	77.95

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC			
			Invoice: 520-374NOV12			SIGNAL AT 108 OLYMPIC DRIVE SE			
				77.95	91415345 547100	GG-ROCKAWAY BCH-UTILITIES			
				181357	973NOV12	11/30/2012		12/23/12	20.69
			Invoice: 973NOV12			OC RESERVOIR LID17 PHASE 2 - 1100 Old Creosote Rd			
				20.69	91415345 547100	GG-ROCKAWAY BCH-UTILITIES			
				181358	336NOV12	11/30/2012		12/23/12	154.38
			Invoice: 336NOV12			SLS-9 ISLAND TERRACE - 1174 Ferncliff Avenue NE			
				154.38	91421355 547100	GG-SWR-ELECTRIC			
				181359	461NOV12	11/30/2012		12/23/12	6,637.44
			Invoice: 461NOV12			WWTP - 1220 DONALD PLACE			
				6,637.44	91425358 547100	GG-WWTP-ELECTRIC			
				181360	040-581NOV12	11/30/2012		12/23/12	127.11
			Invoice: 040-581NOV12			3900 HALLS HILL ROAD PUMP			
				127.11	91421355 547100	GG-SWR-ELECTRIC			
				181361	444NOV12	11/30/2012		12/23/12	620.21
			Invoice: 444NOV12			BI COMMONS - 402 Bjune Drive			
				620.21	91011755 547100	GG-C/E-COMMONS-ELECTRIC			
				181362	446NOV12	11/30/2012		12/23/12	10.28
			Invoice: 446NOV12			WATERFRONT PARK BOOTH - 402 Brien Drive			
				10.28	91011768 547100	GG-C/E-PARKS-ELECTRIC			
				181363	636NOV12	11/30/2012		12/23/12	100.86
			Invoice: 636NOV12			SLS-7 WING POINT WAY - 4296 Wing Point Way			
				100.86	91421355 547100	GG-SWR-ELECTRIC			
				181364	206NOV12	11/30/2012		12/23/12	349.28
			Invoice: 206NOV12			4586 POINT WHITE DRIVE NE			
				349.28	91421355 547100	GG-SWR-ELECTRIC			
				181365	040-751NOV12	11/30/2012		12/23/12	10.99
			Invoice: 040-751NOV12			520 ERICKSEN AVENUE NE PRV-water system presure re			
				10.99	91411345 547100	GG-WTR-ELECTRIC			
				181366	828NOV12	11/30/2012		12/23/12	168.11
			Invoice: 828NOV12			TAYLOR WELLS LID17 PHASE 1 - 6300 Taylor Avenue			
				168.11	91415345 547100	GG-ROCKAWAY BCH-UTILITIES			
				181367	247NOV12	11/30/2012		12/23/12	14.52
			Invoice: 247NOV12			SSWM/DECANT FACILITY - 6400 Don Palmer Avenue NE			
				14.52	91435838 547100	GG-DECANT-ELECTRIC			
				181369	884NOV12	11/30/2012		12/23/12	94.89
			Invoice: 884NOV12			SLS FERRY TERMINAL - 692 Klickitat Place NE			
				94.89	91421355 547100	GG-SWR-ELECTRIC			
				181370	520-135NOV12	11/30/2012		12/23/12	2,657.46

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
Invoice: 520-135NOV12					HOB BOOSTER PUMP/WELL - 7290 Wyatt Way				
				2,657.46	91411345 547100 GG-WTR-ELECTRIC				
				181371	900NOV12	11/30/2012		12/23/12	27.15
Invoice: 900NOV12					NE HIDDEN COVE - PASS THRU - 7315 Hidden Cove Road				
				27.15	91011897 547100 GG-C/E-O&M YARD FAC-ELECTRIC				
				181372	558NOV12	11/30/2012		12/23/12	2,166.17
Invoice: 558NOV12					7315 NE HIDDEN COVE ROAD				
				2,166.17	91011897 547100 GG-C/E-O&M YARD FAC-ELECTRIC				
				181373	058NOV12	11/30/2012		12/23/12	50.87
Invoice: 058NOV12					NE HIDDEN COVE - SHOP - 7315 Hidden Cove Road Shop				
				50.87	91011897 547100 GG-C/E-O&M YARD FAC-ELECTRIC				
				181374	040-714NOV12	11/30/2012		12/23/12	10.28
Invoice: 040-714NOV12					7573 FLETCHER BAY ROAD-OS property next to Johnson				
				10.28	91021182 547100 GG-OS-PROP MNGT-ELECTRIC				
				181375	831NOV12	11/30/2012		12/23/12	3,546.67
Invoice: 831NOV12					SANDS AVENUE NE WELL FIELD - 8499 Sands Avenue NE				
				3,546.67	91411345 547100 GG-WTR-ELECTRIC				
				181376	983NOV12	11/30/2012		12/23/12	33.16
Invoice: 983NOV12					MILLER ROAD NE BEACON - 8800 1/2 Miller Road				
				33.16	91111264 547100 GG-STREET-TRAF CONTROL-UTILITY				
				181377	888NOV12	11/30/2012		12/23/12	238.19
Invoice: 888NOV12					NE HIGH SCHOOL ROAD PUMP - 9330 NE HS Road				
				238.19	91411345 547100 GG-WTR-ELECTRIC				
				181378	067NOV12	11/30/2012		12/23/12	10.28
Invoice: 067NOV12					MADISON PARKING LOT				
				10.28	91111263 547100 GG-STRT-STREET LIGHTING-UTIL				
				181379	658NOV12	11/30/2012		12/23/12	58.43
Invoice: 658NOV12					SLS-4 IRENE/LOWER HAWLEY				
				58.43	91421355 547100 GG-SWR-ELECTRIC				
				181380	682-A-NOV12	11/30/2012		12/23/12	13.02
Invoice: 682-A-NOV12					MUNICIPAL PARKING LOT - MADISON/MADRONA				
				13.02	91111263 547100 GG-STRT-STREET LIGHTING-UTIL				
				181381	682-B-NOV12	11/30/2012		12/23/12	13.02
Invoice: 682-B-NOV12					MUNICIPAL PARKING LOT - MADISON/MADRONA				
				13.02	91111263 547100 GG-STRT-STREET LIGHTING-UTIL				
				181382	IL1NOV12	11/30/2012		12/23/12	144.35
Invoice: IL1NOV12					ERCKSN/MDSN/WNSLW/KNCHTL				
				144.35	91111263 547100 GG-STRT-STREET LIGHTING-UTIL				
				181383	IL2NOV12	11/30/2012		12/23/12	121.60

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
			Invoice: IL2NOV12						
				121.60	91111263 547100	FACILITIES DETAIL ON IL1 GG-STRT-STREET LIGHTING-UTIL			
				181384	IL3NOV12	11/30/2012		12/23/12	262.36
			Invoice: IL3NOV12						
				262.36	91111263 547100	ROUNDABOUT HS/MADISON IMPR GG-STRT-STREET LIGHTING-UTIL			
				181385	IL4NOV12	11/30/2012		12/23/12	92.22
			Invoice: IL4NOV12						
				92.22	91111263 547100	FACILITIES DETAIL ON IL3 GG-STRT-STREET LIGHTING-UTIL			
				181386	IL5NOV12	11/30/2012		12/23/12	90.65
			Invoice: IL5NOV12						
				90.65	91111263 547100	COMMODORE OFF HS @ OLYMPIC GG-STRT-STREET LIGHTING-UTIL			
				181387	IL6NOV12	11/30/2012		12/23/12	77.34
			Invoice: IL6NOV12						
				77.34	91111263 547100	MADISON PRJ HS TO WINSLOW GG-STRT-STREET LIGHTING-UTIL			
				181388	IL7NOV12	11/30/2012		12/23/12	326.93
			Invoice: IL7NOV12						
				326.93	91111263 547100	MADISON PRJ HS TO WINSLOW II GG-STRT-STREET LIGHTING-UTIL			
				181389	IL8NOV12	11/30/2012		12/23/12	24.80
			Invoice: IL8NOV12						
				24.80	91111263 547100	FACILITIES DETAIL ON IL6 AND IL7 GG-STRT-STREET LIGHTING-UTIL			
				181390	IL9NOV12	11/30/2012		12/23/12	56.30
			Invoice: IL9NOV12						
				56.30	91111263 547100	MADISON AVENUE SOUTH GG-STRT-STREET LIGHTING-UTIL			
				181391	IL10NOV12	11/30/2012		12/23/12	74.79
			Invoice: IL10NOV12						
				74.79	91111263 547100	FACILITIES DETAIL ON IL9 GG-STRT-STREET LIGHTING-UTIL			
				181392	285NOV12	11/30/2012		12/23/12	230.82
			Invoice: 285NOV12						
				230.82	91421355 547100	SPS NORTHTOWN/SPORTSMAN GG-SWR-ELECTRIC			
				181393	IL11NOV12	11/30/2012		12/23/12	104.23
			Invoice: IL11NOV12						
				104.23	91111263 547100	STREET LIGHTS WW MAD TO 305 GG-STRT-STREET LIGHTING-UTIL			
				181394	IL12NOV12	11/30/2012		12/23/12	46.14
			Invoice: IL12NOV12						
				46.14	91111263 547100	STREET LIGHTS WW 305 TO FRNCLFF GG-STRT-STREET LIGHTING-UTIL			
				181395	IL13NOV12	11/30/2012		12/23/12	43.76
			Invoice: IL13NOV12						
				43.76	91111263 547100	FACILITIES DETAIL ON IL12 GG-STRT-STREET LIGHTING-UTIL			
				181396	WW-305NOV12	11/30/2012		12/23/12	76.72

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
Invoice: WW-305NOV12							WINSLOW WAY & 305			
					76.72	91111264 547100	GG-STREET-TRAF CONTROL-UTILITY			
					181397	WW-305NOV12A	11/30/2012		12/23/12	89.36
Invoice: WW-305NOV12A							WINSLOW WAY & 305			
					89.36	91111264 547100	GG-STREET-TRAF CONTROL-UTILITY			
					181398	WW-305NOV12B	11/30/2012		12/23/12	506.47
Invoice: WW-305NOV12B							WINSLOW WAY & 305			
					506.47	91111264 547100	GG-STREET-TRAF CONTROL-UTILITY			
					181399	520-330NOV12	11/30/2012		12/23/12	15.74
Invoice: 520-330NOV12							210 WINSLOW WAY E IRRIGATION			
					15.74	91011768 547100	GG-C/E-PARKS-ELECTRIC			
							CHECK	331910 TOTAL:		26,231.51
331911	12/18/2012	PRTD	7617	PUGET SOUND INSTRUME	181319	453214	11/20/2012	21200158	12/23/12	446.35
Invoice: 453214							PW/RADIO UPGRADE SUPPLIES			
					446.35	73011189 535100	O&M - C/E FACIL COMP SOFTWARE			
							CHECK	331911 TOTAL:		446.35
331912	12/18/2012	PRTD	7435	KANMAN INC	181311	12-2178-539	12/01/2012		12/23/12	180.00
Invoice: 12-2178-539							PW/DEC12 RENTAL DECANT,SHOP			
					90.00	73011897 545000	O&M-C/E-PWYD FAC-RENTS			
					90.00	73435838 545000	O&M-DECANT-RENTS			
					181312	12-2178-540	12/01/2012		12/23/12	90.00
Invoice: 12-2178-540							PW/DEC12 RENTAL PRITCHRD PK			
					90.00	73011768 545000	O&M-C/E-PARKS-OP LEASES			
							CHECK	331912 TOTAL:		270.00
331913	12/18/2012	PRTD	6394	RECALL SECURE DESTRU	181409	0090620180	11/24/2012		12/23/12	55.44
Invoice: 0090620180							CRT/NOV12 SHREDDING SVC			
					55.44	21011125 541100	COURT - PROFESSIONAL SERVICES			
							CHECK	331913 TOTAL:		55.44
331914	12/18/2012	PRTD	6685	ALLIED WASTE NORTH A	181320	012526	10/31/2012	21200107	12/23/12	3,785.78
Invoice: 012526							2012-13 BIOSLOIDS DISPOSAL			
					3,785.78	91425358 54790100551	WWTP-BIOSOLIDS WASTE DISPOSAL			
					181410	012686	11/30/2012	21200107	12/23/12	3,606.50
Invoice: 012686							2012-13 BIOSLOIDS DISPOSAL			
					3,606.50	91425358 54790100551	WWTP-BIOSOLIDS WASTE DISPOSAL			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
						CHECK	331914	TOTAL:	7,392.28
331915	12/18/2012	PRTD	7026 RHITHRON ASSOCIATES,	181268	1274	12/06/2012	21200022	12/23/12	5,355.00
Invoice: 1274						AQUATIC BIOASSESS. ON CALL			
					5,355.00 72431832 54110000445	NPDES PERMIT-PRO SVCS			
						CHECK	331915	TOTAL:	5,355.00
331916	12/18/2012	PRTD	408 ROLLING BAY COMMERCI	181269	495995	12/14/2012		12/23/12	2,320.50
Invoice: 495995						COURT JANUARY 2013 RENT			
					2,320.50 91011255 545000	GG-C/E-COURT BLDG-RENT			
						CHECK	331916	TOTAL:	2,320.50
331917	12/18/2012	PRTD	617 S & B INC	181270	SB-23236	11/30/2012		12/23/12	2,258.35
Invoice: SB-23236						PW/HYDRORANGER/LABOR			
					2,258.35 73425358 548100	O&M-WWTP-REPAIRS			
						CHECK	331917	TOTAL:	2,258.35
331918	12/18/2012	PRTD	4293 SHRM	181271	9005057238	12/12/2012		12/23/12	180.00
Invoice: 9005057238						2013 NATIONAL DUES-LONGFIELD			
					180.00 33011161 549100	HR-C/E-DUES & SUBSCRIPTIONS			
						CHECK	331918	TOTAL:	180.00
331919	12/18/2012	PRTD	6931 SILVERDALE PLUMBING	181321	121012-002	11/12/2012	21200159	12/23/12	937.76
Invoice: 121012-002						BACKFLOW REPAIRS			
					314.76 73011189 548100	O&M - C/E FACIL REPAIRS			
					314.76 73111261 548100	REPAIRS & MAINTENANCE			
					308.24 73411345 548100	REPAIRS & MAINTENANCE			
				181322	121112-006	11/12/2012	21200159	12/23/12	488.70
Invoice: 121112-006						BACKFLOW REPAIRS			
					164.03 73011189 548100	O&M - C/E FACIL REPAIRS			
					164.03 73111261 548100	REPAIRS & MAINTENANCE			
					160.64 73411345 548100	REPAIRS & MAINTENANCE			
						CHECK	331919	TOTAL:	1,426.46
331920	12/18/2012	PRTD	2467 STAPLES ADVANTAGE	181272	3186930600	11/24/2012		12/23/12	-4.65
Invoice: 3186930600						ENG/CREDIT REFILL			
					-4.65 72011321 531100	ENG - C/E ADMIN SUPPLIES			
				181273	3186930601	11/24/2012		12/23/12	102.13
Invoice: 3186930601						ENG/CALENDARS			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE-DTL-DESC				
					102.13	72011321 531100	ENG - C/E ADMIN SUPPLIES			
					181274	3186930602	11/24/2012		12/23/12	86.46
				Invoice: 3186930602			ENG/MISC OFFICE SUPPL			
					86.46	72111431 531100	ENG - ACCESS MGMT SUPPLIES			
					181275	3186930603	11/24/2012		12/23/12	46.12
				Invoice: 3186930603			PW/PAPER/HIGHLITERS/SOAP			
					46.12	73637891 531100	OFFICE SUPPLIES			
								CHECK	331920 TOTAL:	230.06
331921	12/18/2012	PRTD	3843	AKIO SUYEMATSU	181276	12/14/12	12/14/2012	21200071	12/23/12	108,531.00
	Invoice: 12/14/12						2013 1Q LAND PURCHASE PRINC/INT			
					100,000.00	91021911 775000	FIN-OS-CAP LEASE/INSTALL PURCH			
					8,531.00	91021921 783000	FIN-OS INTEREST EXP			
								CHECK	331921 TOTAL:	108,531.00
331922	12/18/2012	PRTD	565	TACOMA SCREW PRODUCT	181323	30297417	12/07/2012		12/23/12	913.87
	Invoice: 30297417						PW/30# FILLED SAND BAGS			
					913.87	73431835 531100	OFFICE SUPPLIES			
								CHECK	331922 TOTAL:	913.87
331923	12/18/2012	PRTD	5118	CARDNO TEC INC	181277	9898-008	11/30/2012	21200065	12/23/12	1,345.33
	Invoice: 9898-008						WATER QUALITY AND FLOW MONITOR			
					1,345.33	72431832 54110000445	NPDES PERMIT-PRO SVCS			
								CHECK	331923 TOTAL:	1,345.33
331924	12/18/2012	PRTD	7622	TRAFFIC COUNT CONSUL	181279	0294	12/10/2012	21200166	12/23/12	8,375.00
	Invoice: 0294						TRAFFIC COUNTS / DATA			
					8,375.00	72111421 54110000270	TRANSP & MODELING-PRO SVCS			
								CHECK	331924 TOTAL:	8,375.00
331925	12/18/2012	PRTD	560	TWISS ANALYTICAL INC	181280	12-56072	11/29/2012	21200006	12/23/12	96.60
	Invoice: 12-56072						WINSLOW WATER TESTING			
					96.60	73411345 54110000391	LAB SVCS-WATER			
					181281	12-56275	12/07/2012	21200006	12/23/12	19.32
	Invoice: 12-56275						WINSLOW WATER TESTING			
					19.32	73411345 54110000391	LAB SVCS-WATER			
					181282	12-56276	12/07/2012	21200009	12/23/12	19.32
	Invoice: 12-56276						FACILITY TESTING			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
				INVOICE DTL DESC						
					19.32	73011897 54110000391	LAB SVCS-PW YARD FAC			
					181283	12-56284	12/07/2012	21200007	12/23/12	41.40
				Invoice: 12-56284			WWTP TESTING			
					41.40	73425358 54110000391	LAB & TESTING SVCS-WWTP			
					181284	12-56319	12/07/2012	21200010	12/23/12	19.32
				Invoice: 12-56319			ROCKAWAY BEACH TESTING			
					19.32	73415345 54110000391	LAB SVCS-WATER ROCKAWAY			
							CHECK	331925 TOTAL:		195.96
331926	12/18/2012	PRTD	4929	TYLER TECHNOLOGIES I	181411	045-78216	12/04/2012		12/23/12	9,573.62
	Invoice: 045-78216						IT/MUNIS SOFTWR SUPPORT/Q MAINT			
					9,573.62	81011881 548500	IT - C/E COMPUTER SUPPORT			
							CHECK	331926 TOTAL:		9,573.62
331927	12/18/2012	PRTD	553	UTILITIES UNDERGROUN	181285	2110092	11/30/2012		12/23/12	98.28
	Invoice: 2110092						PW/EXCAVATION NOTICES NOV12			
					98.28	73637893 54110000393	O&M ALLOC-LOCATING SVCS			
							CHECK	331927 TOTAL:		98.28
331928	12/18/2012	PRTD	1485	VERIZON WIRELESS	181286	1142211956	12/01/2012		12/23/12	2,601.47
	Invoice: 1142211956						CITY WIDE PHONE SERVICE			
					2,601.47	91011189 542100	GG-C/E-CITY HALL-PHONE			
							CHECK	331928 TOTAL:		2,601.47
331929	12/18/2012	PRTD	4594	WA ST DEPT OF FISH A	181432	12/18/12	12/18/2012		12/23/12	150.00
	Invoice: 12/18/12						PW/EAGLE HARB BCH SWR/JARPA PERMIT			
					150.00	72423434 64980000471	BEACH MAIN REPL DES-CAP PERMIT			
							CHECK	331929 TOTAL:		150.00
331930	12/18/2012	PRTD	938	WA ST DEPT OF HEALTH	181287	007327-2013	12/01/2012		12/23/12	42.00
	Invoice: 007327-2013						PW/2013 WTRWRKS CERT-KRAMER			
					42.00	73411345 549100	DUES/SUBSCRIPTIONS			
					181288	012104-2013	12/01/2012		12/23/12	42.00
	Invoice: 012104-2013						PW/2013 WTRWRKS CERT-CLAIBORNE			
					42.00	73411345 549100	DUES/SUBSCRIPTIONS			
							CHECK	331930 TOTAL:		84.00

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331931	12/18/2012	PRTD	969	WA ST DEPT OF LICENS	181324	F101124	11/29/2012		12/23/12	18.00
Invoice: F101124							CPL/F101124/ORIGINAL + FBI			
						18.00 41654860 586000 GUN PERMIT OUT				
					181325	F101126	12/04/2012		12/23/12	18.00
Invoice: F101126							CPL/F101126/ORIGINAL + FBI			
						18.00 41654860 586000 GUN PERMIT OUT				
					181326	F101127	11/27/2012		12/23/12	18.00
Invoice: F101127							CPL/F101127/RENEWAL			
						18.00 41654860 586000 GUN PERMIT OUT				
					181327	F101128	11/29/2012		12/23/12	21.00
Invoice: F101128							CPL/F101128/LATE RENEWAL			
						21.00 41654860 586000 GUN PERMIT OUT				
					181328	F101115	12/03/2012		12/23/12	18.00
Invoice: F101115							CPL/F101115/ORIGINAL + FBI			
						18.00 41654860 586000 GUN PERMIT OUT				
					181329	F101118	12/03/2012		12/23/12	18.00
Invoice: F101118							CPL/F101118/ORIGINAL + FBI			
						18.00 41654860 586000 GUN PERMIT OUT				
					181330	F101131	12/06/2012		12/23/12	18.00
Invoice: F101131							CPL/F101131/RENEWAL			
						18.00 41654860 586000 GUN PERMIT OUT				
					181331	F101121	12/07/2012		12/23/12	18.00
Invoice: F101121							CPL/F101121/ORIGINAL + FBI			
						18.00 41654860 586000 GUN PERMIT OUT				
					181332	F101122	12/07/2012		12/23/12	18.00
Invoice: F101122							CPL/F101122/ORIGINAL + FBI			
						18.00 41654860 586000 GUN PERMIT OUT				
								CHECK 331931 TOTAL:		165.00
331932	12/18/2012	PRTD	4104	WA ST FERRIES	181289	RK193678	12/01/2012		12/23/12	313.05
Invoice: RK193678							NOV12 WAVE2GO FERRY CHARGES			
						73.45 51011211 543100 PD-C/E-ADM-TRAVEL				
						159.10 72011321 543100 ENG - C/E ADMIN TRAVEL EXPENSE				
						80.50 73011189 543100 O&M-FAC-TRAVEL (NOT MEALS/LODG				
								CHECK 331932 TOTAL:		313.05
331933	12/18/2012	PRTD	4819	THOMSON WEST	181291	825979451	11/01/2012		12/23/12	366.42
Invoice: 825979451							LEGAL/INFORMATION CHARGES			
						366.42 32011152 549100 LEGAL-C/E-DUES & SUBSCR SVCS				

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
							CHECK 331933 TOTAL:			366.42
331934	12/18/2012	PRTD	499	WESTBAY AUTO PARTS I	181412	808640	12/03/2012		12/23/12	10.82
	Invoice: 808640						PW/OIL FILTER			
					10.82	73638935 548100	O&M-STD ALLOCATION-REPAIRS			
					181413	809270	12/05/2012		12/23/12	257.46
	Invoice: 809270						PW/BATTERY			
					257.46	61011581 548100	PCD - C/E ADMIN REPAIRS MAINT			
					181414	809502	12/06/2012		12/23/12	203.68
	Invoice: 809502						PW/PRIUS BATTERY			
					203.68	61011581 548100	PCD - C/E ADMIN REPAIRS MAINT			
					181415	810499	12/10/2012		12/23/12	25.11
	Invoice: 810499						PW/AIR FILTERS			
					25.11	73638935 548100	O&M-STD ALLOCATION-REPAIRS			
					181416	810580	12/11/2012		12/23/12	10.53
	Invoice: 810580						PW/LAMP BULB			
					10.53	73638935 548100	O&M-STD ALLOCATION-REPAIRS			
					181417	810584	12/11/2012		12/23/12	68.99
	Invoice: 810584						PW/MINIATURE LAMP BULBS			
					68.99	73638935 548100	O&M-STD ALLOCATION-REPAIRS			
					181418	810585	12/11/2012		12/23/12	16.25
	Invoice: 810585						PW/HALOGEN BULB			
					16.25	73638935 548100	O&M-STD ALLOCATION-REPAIRS			
							CHECK 331934 TOTAL:			592.84
331936	12/27/2012	PRTD	2201	ACTION COMMUNICATION	181442	1212095	12/07/2012		12/23/12	499.33
	Invoice: 1212095						POL/MACOM ANTENNA REPAIR X2			
					499.33	53011212 548100	POLICE - C/E PATROL MAINTENANC			
							CHECK 331936 TOTAL:			499.33
331937	12/27/2012	PRTD	6488	AMEC EARTH & ENVIRON	181419	K11572174	12/05/2012	21100526	12/23/12	1,233.31
	Invoice: K11572174						GEOTECH/LONSETH/BLD18187			
					1,233.31	65538	38600000370 GEO TECH 3RD PARTY REVIEWS			
					181421	K11572173	12/05/2012	21100526	12/23/12	944.99
	Invoice: K11572173						GEOTECH REV/BOHLANDER/17536			
					944.99	65538	38600000370 GEO TECH 3RD PARTY REVIEWS			
					181423	K11572175	12/05/2012	21100526	12/23/12	342.38
	Invoice: K11572175						GEOTECHNICAL REV/ALBER			

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CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC			
				342.38	65538	38600000370	GEO TECH 3RD PARTY REVIEWS		
							CHECK	331937 TOTAL:	2,520.68
331938	12/27/2012	PRTD	4365 AUTOMATIC FUNDS TRAN	181434	67357	11/28/2012		12/23/12	3.75
Invoice: 67357						FIN/PRINTING OF INVOCIES			
				.52	43411341 541100	FIN - WATER ADMIN PROF SERVICE			
				.53	43421351 541100	FIN - SEWER ADMIN PROF SERVICE			
				1.35	91411891 542500	GG-WTR-FAC-POSTAGE			
				1.35	91421891 542500	GG-SWR-FAC-POSTAGE			
				181435	67488	12/07/2012		12/23/12	649.41
Invoice: 67488						FIN/PRINTED INVOICES			
				122.40	43411341 541100	FIN - WATER ADMIN PROF SERVICE			
				122.40	43421351 541100	FIN - SEWER ADMIN PROF SERVICE			
				202.30	91411891 542500	GG-WTR-FAC-POSTAGE			
				202.31	91421891 542500	GG-SWR-FAC-POSTAGE			
				181436	67544	12/11/2012		12/23/12	7.86
Invoice: 67544						FIN/PRINTED INVOICES			
				1.23	43411341 541100	FIN - WATER ADMIN PROF SERVICE			
				1.23	43421351 541100	FIN - SEWER ADMIN PROF SERVICE			
				2.70	91411891 542500	GG-WTR-FAC-POSTAGE			
				2.70	91421891 542500	GG-SWR-FAC-POSTAGE			
							CHECK	331938 TOTAL:	661.02
331939	12/27/2012	PRTD	5412 BENEFIT ADMINISTRATI	181447	1212521	12/17/2012		12/23/12	243.50
Invoice: 1212521						2012 FLEX PLAN			
				4.87	21011125 520000	COURT - BENEFITS			
				34.09	31011131 520000	EXEC - C/E BENEFITS			
				31.66	41011141 520000	FIN - C/E ADMIN BENEFITS			
				21.92	51011211 520000	PD-C/E ADMIN-BENEFITS			
				14.61	61011581 520000	PCD - C/E ADMIN BENEFITS			
				102.27	71011321 520000	PW - C/E BENEFITS			
				34.08	81011881 520000	IT - C/E ADMIN BENEFITS			
							CHECK	331939 TOTAL:	243.50
331940	12/27/2012	PRTD	314 BAINBRIDGE ISLAND FI	181146	G 11 - 2012	12/03/2012		12/23/12	2,197.28
Invoice: G 11 - 2012						POL/1,913.74 GALLONS GASOLINE			
				150.31	51011211 532000	PDADM-C/E-FUEL			
				204.64	52011212 532000	PD DET-C/E-FUEL			
				1,842.33	53011212 532000	PD-C/E-PATROL-FUEL			
							CHECK	331940 TOTAL:	2,197.28

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331941	12/27/2012	PRTD	69	BLUMENTHAL UNIFORMS	181443	958284	12/07/2012		12/23/12	161.77
	Invoice: 958284					POL/UNIFORMS/816				
					161.77	53011212 520000	POLICE - C/E PATROL BENEFITS			
					181444	967845	12/07/2012		12/23/12	583.67
	Invoice: 967845					POL/JUMPSUIT/810				
					583.67	53011212 520000	POLICE - C/E PATROL BENEFITS			
							CHECK	331941 TOTAL:		745.44
331942	12/27/2012	PRTD	7654	BOHLANDER, KIM	181422	VAR17536	12/05/2012	21100526	12/23/12	1,555.01
	Invoice: VAR17536					GEOTECH REF/VAR17536				
					1,555.01	65538 38600000370	GEO TECH 3RD PARTY REVIEWS			
							CHECK	331942 TOTAL:		1,555.01
331943	12/27/2012	PRTD	7645	CDTF/WRCTC 1122 PROG	181147	E0P2W, H00RB	04/15/2012		12/23/12	382.16
	Invoice: E0P2W, H00RB					POL/SWAT COATS, TROUSERS				
					382.16	53011212 520000	POLICE - C/E PATROL BENEFITS			
							CHECK	331943 TOTAL:		382.16
331944	12/27/2012	PRTD	1820	CDW GOVERNMENT INC	181424	V164776	12/10/2012		12/23/12	40.50
	Invoice: V164776					IT/RAM MEM UPGR-GIS COMPUTER				
					40.50	81011881 535500	IT - C/E COMPUTER PARTS & EQ			
					181437	V313515	12/12/2012		12/23/12	3,604.18
	Invoice: V313515					ENG/PANASONIC TOUGHBOOK				
					3,604.18	72431832 53110000522	NPDES 2011 GRANT-SUPPLIES			
					181438	T714073	11/28/2012		12/23/12	134.35
	Invoice: T714073					ENG/POWER CAR ADAPTOR				
					134.35	72431832 53110000522	NPDES 2011 GRANT-SUPPLIES			
					181439	T950439	12/04/2012		12/23/12	130.32
	Invoice: T950439					ENG/PAN TOUGHBOOK BATTERY				
					130.32	72431832 53110000522	NPDES 2011 GRANT-SUPPLIES			
							CHECK	331944 TOTAL:		3,909.35
331945	12/27/2012	PRTD	7016	CUSTOM PRINTING	181425	2488	12/04/2012		12/23/12	526.51
	Invoice: 2488					PCD/100 CLEARG PERMIT SIGNS				
					526.51	63470588 549500	CUR-DEV PLAN-COPIES/PRINTING			
							CHECK	331945 TOTAL:		526.51

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CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331946	12/27/2012	PRTD	4469	CYBERNETICS	181426	779901	12/11/2012		12/23/12	2,195.00
	Invoice: 779901						IT/ANNUAL MAINT STOR NETWRK			
					2,195.00	81011881 548500	IT - C/E COMPUTER SUPPORT			
							CHECK 331946 TOTAL:			2,195.00
331947	12/27/2012	PRTD	7630	EMERGENCY ESSENTIALS	181149	1229049200	12/05/2012		12/23/12	291.85
	Invoice: 1229049200						POL/EMERGENCY WATER, FILTERS			
					291.85	53011560 531100	POLICE - C/E PATROL EP OFC SUP			
							CHECK 331947 TOTAL:			291.85
331948	12/27/2012	PRTD	7510	EXPERIAN	181150	CD1308002932	11/30/2012		12/23/12	92.14
	Invoice: CD1308002932						POL/DEC CREDIT CHECK SERVICE			
					92.14	52011212 549100	PD-C/E-INV-DUES/SUBSCR/MEMBRSH			
							CHECK 331948 TOTAL:			92.14
331949	12/27/2012	PRTD	2677	FASTSIGNS	181151	230 24272 PART 2	06/29/2012		12/23/12	102.65
	Invoice: 230 24272 PART 2						POL/BALANCE ON BUOY SIGNS			
					102.65	54025212 53110000434	SAFER BOATING GRANT-SUPPLIES			
							CHECK 331949 TOTAL:			102.65
331950	12/27/2012	PRTD	1517	GUARDIAN SECURITY SY	181152	1428210-A	12/01/2012		12/23/12	42.00
	Invoice: 1428210-A						POL/JAN13 ALARM MONITORING			
					42.00	51011215 541100	POLICE - C/E FACIL PROF SVCS			
					181153	1428210-B	12/01/2012		12/23/12	195.00
	Invoice: 1428210-B						POL/1Q FIRE ALARM MONITORING			
					195.00	51011215 541100	POLICE - C/E FACIL PROF SVCS			
					181154	1430836	11/30/2012		12/23/12	182.45
	Invoice: 1430836						POL/PANIC BUTTON BATTS X4			
					182.45	51011215 541100	POLICE - C/E FACIL PROF SVCS			
							CHECK 331950 TOTAL:			419.45
331951	12/27/2012	PRTD	6847	IMAGE WEAR SOLUTIONS	181445	00140343	12/07/2012		12/23/12	338.08
	Invoice: 00140343						POL/UNIFORMS/LD, 832,834,836			
					338.08	51011211 520000	PD-C/E ADMIN-BENEFITS			
							CHECK 331951 TOTAL:			338.08

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331952	12/27/2012	PRTD	277	INSLEE BEST DOEZIE &	181448	188809	12/13/2012		12/23/12	725.50
Invoice: 188809							LEGAL/TRANSFER UTIL SYSTEM			
					725.50	32411152 54111000501	UTIL TRANS-WTR-LEGAL ADVICE			
								CHECK	331952 TOTAL:	725.50
331953	12/27/2012	PRTD	2306	KITSAP COUNTY PROSEC	181449	2012-AUGUST	08/01/2012	21200016	12/23/12	7,787.25
Invoice: 2012-AUGUST							PROSECUTOR SERVICES			
					7,787.25	32011521 541112	LGL-CRIMINA-OUTSIDE PROSECUTOR			
								CHECK	331953 TOTAL:	7,787.25
331954	12/27/2012	PRTD	4168	KITSAP COUNTY SHERIF	181155	12/06/12	12/06/2012		12/23/12	600.34
Invoice: 12/06/12							POL/EVOC X10; BASIC PIT X2			
					600.34	53011212 443410	POLICE - C/E PATROL TRAINING			
								CHECK	331954 TOTAL:	600.34
331955	12/27/2012	PRTD	1505	KITSAP COUNTY TREASU	181450	12/19/12	12/19/2012		12/23/12	93.64
Invoice: 12/19/12							NOV12 OUT COURT REMIT			
					93.64	41612860 586000	CRIME VICTIMS-OUT			
								CHECK	331955 TOTAL:	93.64
331956	12/27/2012	PRTD	579	KITSAP SUN	181156	5041707	11/30/2012		12/23/12	108.00
Invoice: 5041707							POL/DISPLAY AD TOWN HALL 12/4/12			
					108.00	51011211 544000	PD-C/E-ADMIN ADVERTISING			
					181427	5041706	11/30/2012		12/23/12	81.00
Invoice: 5041706							PCD/STRAWBERRY PRK RESTOR DAY			
					81.00	64011582 542450	LONG - C/E COMMUNITY INFO			
								CHECK	331956 TOTAL:	189.00
331957	12/27/2012	PRTD	5408	CRC UNIFORMS & EQUIP	181454	10207	12/17/2012		12/23/12	111.41
Invoice: 10207							POL/UNIFORM PANTS/836			
					111.41	51011211 520000	PD-C/E ADMIN-BENEFITS			
								CHECK	331957 TOTAL:	111.41
331958	12/27/2012	PRTD	5011	LEXISNEXIS RISK DATA	181157	20121130	11/30/2012		12/23/12	54.30
Invoice: 20121130							POL/NOV INFO SERVICES			
					54.30	52011212 549100	PD-C/E-INV-DUES/SUBSCR/MEMBRSH			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
								CHECK	331958 TOTAL:	54.30
331959	12/27/2012	PRTD	5787	LONSETH, ANDREW & HA	181420	BLD18187SFR	12/12/2012	21100526	12/23/12	1,266.69
Invoice: BLD18187SFR							GEOTECH REFUND/BLD18187			
					1,266.69	65538	38600000370	GEO TECH 3RD PARTY REVIEWS		
								CHECK	331959 TOTAL:	1,266.69
331960	12/27/2012	PRTD	163	DENNIS MARTIN	181158	12/01/12	12/01/2012		12/23/12	148.12
Invoice: 12/01/12							POL/MEDICAL REIMBURSEMENT			
					148.12	91029211 521500		POLICE - INS ADD MEDICAL COSTS		
								CHECK	331960 TOTAL:	148.12
331961	12/27/2012	PRTD	4111	OLYMPIC SPRINGS INC	181159	239665	11/30/2012		12/23/12	48.31
Invoice: 239665							POL/PURIFIED WATER			
					48.31	51011215 531100		POLICE - C/E FACIL SUPPLIES		
								CHECK	331961 TOTAL:	48.31
331962	12/27/2012	PRTD	1359	PACIFIC CASCADE CORP	181161	14974	06/27/2012		12/23/12	50.73
Invoice: 14974							POL/TELESCOPING CHALK HOLDER			
					50.73	51011217 531100		PD-C/E-PARKING ENF-SUPPLIES		
								CHECK	331962 TOTAL:	50.73
331963	12/27/2012	PRTD	5977	PAPER PRODUCTS ETC	181160	500824	12/10/2012		12/23/12	399.71
Invoice: 500824							POL/DISKS, COPY PAPER, CASSETTES			
					99.93	51011211 531100		PD-C/E-ADM-SUPPLIES		
					199.85	52011212 531100		POLICE - C/E INVEST SUPPLIES		
					99.93	53011212 531100		PD-C/E-PATROL SUPPLIES		
					181456	103195	09/18/2012		12/23/12	.87
Invoice: 103195							POL/4 PIECES CARDSTOCK			
					.87	51011211 531100		PD-C/E-ADM-SUPPLIES		
								CHECK	331963 TOTAL:	400.58
331964	12/27/2012	PRTD	6394	RECALL SECURE DESTRU	181162	2039733769	11/24/2012		12/23/12	55.44
Invoice: 2039733769							POL/MOBILE SHREDDING SVC			
					55.44	51011211 541100		PD-C/E-ADM-PROF SVCS		
								CHECK	331964 TOTAL:	55.44

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331965	12/27/2012	PRTD	5730	SUMMIT LAW GROUP	181428	60011	12/14/2012		12/23/12	1,590.30
	Invoice: 60011						LEGAL/GENERAL			
					1,590.30	32011152 541110	LGL-C/E-CIVIL-GEN'L OUTSIDE AT			
					181429	60033	11/30/2012		12/23/12	4,662.09
	Invoice: 60033						LEGAL/WEISS ARBITRATION			
					4,662.09	32011152 54111100593	WEISS ARBITRATION-LITIGATION			
							CHECK	331965 TOTAL:		6,252.39
331966	12/27/2012	PRTD	558	TOWN & COUNTRY MARKE	181163	12/05/12	12/05/2012		12/23/12	40.00
	Invoice: 12/05/12						POL/817 SWEARING IN CAKE			
					40.00	51011211 531100	PD-C/E-ADM-SUPPLIES			
							CHECK	331966 TOTAL:		40.00
331967	12/27/2012	PRTD	4929	TYLER TECHNOLOGIES I	181430	045-196574	12/10/2012		12/23/12	203.63
	Invoice: 045-196574						FIN/LASER A/P CHECK FORMS			
					203.63	41011141 531100	FIN - C/E ADMIN SUPPLIES			
							CHECK	331967 TOTAL:		203.63
331968	12/27/2012	PRTD	605	WA ST AUDITOR'S OFFI	181431	L96014	12/13/2012		12/23/12	83.60
	Invoice: L96014						FIN/STATE AUDITOR SVC			
					47.17	91011423 551000	FIN - C/E BUDGET STATE AUDITOR			
					12.54	91411341 551000	FINANCE - WATER - I'GOVT SERV			
					12.54	91421351 551000	FIN-SWR-AUDIT SVCS & OTHER I/G			
					7.67	91470148 551000	FIN - BLDG AUDITING COSTS			
					3.68	91471148 551000	FINANCE - BLDG - INTERGOV'T			
							CHECK	331968 TOTAL:		83.60
331969	12/27/2012	PRTD	5398	WA ST DEPT OF REVENU	181451	2012-UCP	12/19/2012		12/23/12	5,883.00
	Invoice: 2012-UCP						FIN/UNCLAIMED PROP-CRT&SIF			
					4,558.10	65538 386000	THREE PARTY CONTRACT IN			
					1,324.90	41636890 589000	COURT NON-EXPENDITURE			
							CHECK	331969 TOTAL:		5,883.00
331970	12/27/2012	PRTD	2251	WA ST TREASURER	181452	12/19/12	12/19/2012		12/23/12	130.50
	Invoice: 12/19/12						NOV12 BUILDING SURCHARGE			
					130.50	41652860 586000	SBCC BLDG.-OUT			
					181453	12/19/12-A'	12/19/2012		12/23/12	5,853.80
	Invoice: 12/19/12-A'						NOV12 OUT COURT REMIT			
					2,587.83	41611860 586000	PSEA 60% OUT			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
					1,406.24	41610860 586000	PSEA 30% OUT			
					24.17	41619860 586000	PSEA 3 - STATE DISB OUT			
					396.29	41616860 586000	THEFT PRV&TR BRAIN INJ-OUT			
					75.88	41616860 586000	THEFT PRV&TR BRAIN INJ-OUT			
					836.20	41614860 586000	JUDICIAL INFO SYST.-OUT			
					9.47	41615860 586000	BREATH TEST-CUSTODIAL			
					53.67	41615860 586000	BREATH TEST-CUSTODIAL			
					37.02	41617860 586000	SCHOOL SAFETY ZONE-OUT			
					203.42	41618860 586000	TRAUMA CARE-OUT			
					42.98	41618860 586000	TRAUMA CARE-OUT			
					27.10	41618860 586000	TRAUMA CARE-OUT			
					153.53	41618860 586000	TRAUMA CARE-OUT			
							CHECK	331970 TOTAL:		5,984.30
331971	12/27/2012	PRTD	4010	WA ASSOC OF SHERIFFS	181164	2012-00706	11/30/2012		12/23/12	75.00
Invoice: 2012-00706							POL/ASSOC DUES THRU 2013/802			
					75.00	53011212 549100	PD-C/E-PATROL-DUES/SUBCR/MEMBR			
							CHECK	331971 TOTAL:		75.00
331972	12/27/2012	PRTD	5709	WEBCHECK INC	181440	4530	12/01/2012	21200021	12/23/12	195.00
Invoice: 4530							PROVIDE ESCROW UTILITY PAY OFF			
					97.50	43411341 541100	FIN - WATER ADMIN PROF SERVICE			
					97.50	43421351 541100	FIN - SEWER ADMIN PROF SERVICE			
							CHECK	331972 TOTAL:		195.00
331973	12/27/2012	PRTD	4819	THOMSON WEST	181455	826162920	12/01/2012		12/23/12	366.41
Invoice: 826162920							LEGAL/NOV12 INFO SERVICES			
					366.41	32011152 549100	LEGAL-C/E-DUES & SUBSCR SVCS			
							CHECK	331973 TOTAL:		366.41
						NUMBER OF CHECKS 109	*** CASH ACCOUNT TOTAL ***			294,381.12

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	109	294,381.12

*** GRAND TOTAL *** 294,381.12

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T OB	DEBIT	CREDIT
2012 12 246								
APP 001-213000					GENERAL - ACCOUNTS PAYABLE		176,848.97	
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
APP 635-111100					CASH			294,381.12
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
APP 401-213000					ACCOUNTS PAYABLE		13,213.79	
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
APP 101-213000					STREETS - ACCOUNTS PAYABLE		15,496.58	
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
APP 403-213000					ACCOUNTS PAYABLE		42,013.76	
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
APP 631-213000					ACCOUNTS PAYABLE		9,446.35	
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
APP 407-213000					ACCOUNTS PAYABLE		1,703.53	
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
APP 402-213000					ACCOUNTS PAYABLE		19,510.22	
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
APP 650-213000					ACCOUNTS PAYABLE		16,147.92	
12/20/2012 12/23/12		122312			AP CASH DISBURSEMENTS JOURNAL			
					GENERAL LEDGER TOTAL		294,381.12	294,381.12
APP 631-130000					DUE TO/FROM CLEARING		284,934.77	
12/20/2012 12/23/12		122312						
APP 001-130000					GENERAL - DUE TO/FROM CLEARING			176,848.97
12/20/2012 12/23/12		122312						
APP 401-130000					DUE TO/FROM CLEARING			13,213.79
12/20/2012 12/23/12		122312						
APP 101-130000					STREETS - DUE TO/FROM CLEARING			15,496.58
12/20/2012 12/23/12		122312						
APP 403-130000					DUE TO/FROM CLEARING			42,013.76
12/20/2012 12/23/12		122312						
APP 407-130000					DUE TO/FROM CLEARING			1,703.53
12/20/2012 12/23/12		122312						
APP 402-130000					DUE TO/FROM CLEARING			19,510.22
12/20/2012 12/23/12		122312						
APP 650-130000					DUE TO/FROM CLEARING			16,147.92
12/20/2012 12/23/12		122312						
					SYSTEM GENERATED ENTRIES TOTAL		284,934.77	284,934.77
					JOURNAL 2012/12/246 TOTAL		579,315.89	579,315.89

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	246	12/20/2012			
001-130000				GENERAL - DUE TO/FROM CLEARING		176,848.97
001-213000				GENERAL - ACCOUNTS PAYABLE	176,848.97	
				FUND TOTAL	176,848.97	176,848.97
101 STREET FUND	2012 12	246	12/20/2012			
101-130000				STREETS - DUE TO/FROM CLEARING		15,496.58
101-213000				STREETS - ACCOUNTS PAYABLE	15,496.58	
				FUND TOTAL	15,496.58	15,496.58
401 WATER OPERATING FUND	2012 12	246	12/20/2012			
401-130000				DUE TO/FROM CLEARING		13,213.79
401-213000				ACCOUNTS PAYABLE	13,213.79	
				FUND TOTAL	13,213.79	13,213.79
402 SEWER OPERATING FUND	2012 12	246	12/20/2012			
402-130000				DUE TO/FROM CLEARING		19,510.22
402-213000				ACCOUNTS PAYABLE	19,510.22	
				FUND TOTAL	19,510.22	19,510.22
403 STORM & SURFACE WATER FUND	2012 12	246	12/20/2012			
403-130000				DUE TO/FROM CLEARING		42,013.76
403-213000				ACCOUNTS PAYABLE	42,013.76	
				FUND TOTAL	42,013.76	42,013.76
407 BUILDING & DEVELOPMENT FUND	2012 12	246	12/20/2012			
407-130000				DUE TO/FROM CLEARING		1,703.53
407-213000				ACCOUNTS PAYABLE	1,703.53	
				FUND TOTAL	1,703.53	1,703.53
631 CLEARING FUND	2012 12	246	12/20/2012			
631-130000				DUE TO/FROM CLEARING	284,934.77	
631-213000				ACCOUNTS PAYABLE	9,446.35	
635-111100				CASH		294,381.12
				FUND TOTAL	294,381.12	294,381.12
650 AGENCY FUND	2012 12	246	12/20/2012			
650-130000				DUE TO/FROM CLEARING		16,147.92
650-213000				ACCOUNTS PAYABLE	16,147.92	
				FUND TOTAL	16,147.92	16,147.92

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	284,934.77	
001 GENERAL FUND		176,848.97
401 WATER OPERATING FUND		13,213.79
101 STREET FUND		15,496.58
403 STORM & SURFACE WATER FUND		42,013.76
407 BUILDING & DEVELOPMENT FUND		1,703.53
402 SEWER OPERATING FUND		19,510.22
650 AGENCY FUND		16,147.92
TOTAL	284,934.77	284,934.77

** END OF REPORT - Generated by Linda Steinberg **

Regular

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE			INV DATE	PO	WARRANT	NET
								INVOICE DTL DESC				
331974	12/16/2012	PRTD	7651	AMERICA WEST BANK	181171	28751			12/12/2012		12/16/12	232.96
Invoice: 28751								UB 10101 1299 PATMOS LANE NW				
						102.61	411	122100 WATER ACCOUNTS RECEIVABLE				
						130.35	411	122100 WATER ACCOUNTS RECEIVABLE				
										CHECK	331974 TOTAL:	232.96
331975	12/16/2012	PRTD	7613	BLACK, GORDON	181166	28746			12/12/2012		12/16/12	50.00
Invoice: 28746								UB 11713 9418 TIDAL COURT NE				
						50.00	411	122100 WATER ACCOUNTS RECEIVABLE				
										CHECK	331975 TOTAL:	50.00
331976	12/16/2012	PRTD	7639	CARNEY, BRIDGETTE	181168	28748			12/12/2012		12/16/12	34.84
Invoice: 28748								UB 12035 391 COSGROVE STREET NW				
						34.84	411	122100 WATER ACCOUNTS RECEIVABLE				
										CHECK	331976 TOTAL:	34.84
331977	12/16/2012	PRTD	7649	DAY, ROBERT & ANGELA	181169	28749			12/12/2012		12/16/12	445.50
Invoice: 28749								UB 11316 895 ALDER AVENUE NE				
						445.50	411	122100 WATER ACCOUNTS RECEIVABLE				
										CHECK	331977 TOTAL:	445.50
331978	12/16/2012	PRTD	7647	HARBOURSIDE OWNERS A	181165	28745			12/12/2012		12/16/12	2,412.85
Invoice: 28745								UB 11706 231 PARFITT WAY SW				
						2,412.85	411	122100 WATER ACCOUNTS RECEIVABLE				
										CHECK	331978 TOTAL:	2,412.85
331979	12/16/2012	PRTD	7653	HATLETVEIT, EDLE	181174	28754			12/12/2012		12/16/12	95.06
Invoice: 28754								UB 12517 8757 ROSARIO PLACE NW				
						95.06	411	122100 WATER ACCOUNTS RECEIVABLE				
										CHECK	331979 TOTAL:	95.06
331980	12/16/2012	PRTD	7650	JAREMKO, PAUL & JUDY	181170	28750			12/12/2012		12/16/12	63.55
Invoice: 28750								UB 12145 1824 SAKAI VILLAGE LOOP				
						63.55	411	122100 WATER ACCOUNTS RECEIVABLE				
										CHECK	331980 TOTAL:	63.55

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
				INVOICE DTL DESC						
331981	12/16/2012	PRTD	7652	JULIAN, ARTHUR & HIL	181172	28752	12/12/2012		12/16/12	103.31
	Invoice: 28752						UB 10190 302 WALLACE WAY NW			
					103.31	411 122100	WATER ACCOUNTS RECEIVABLE			
							CHECK 331981 TOTAL:			103.31
331982	12/16/2012	PRTD	7648	RINGENBERG, JERRY	181167	28747	12/12/2012		12/16/12	204.46
	Invoice: 28747						UB 11681 707 VILLAGE CIRCLE NW			
					204.46	411 122100	WATER ACCOUNTS RECEIVABLE			
							CHECK 331982 TOTAL:			204.46
331983	12/16/2012	PRTD	7454	ZIEL, DIANE	181173	28753	12/12/2012		12/16/12	164.32
	Invoice: 28753						UB 12354 702 DAYLILY LANE NE			
					164.32	411 122100	WATER ACCOUNTS RECEIVABLE			
							CHECK 331983 TOTAL:			164.32
					NUMBER OF CHECKS 10		*** CASH ACCOUNT TOTAL ***			3,806.85

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	10	3,806.85

*** GRAND TOTAL *** 3,806.85

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE / JNL DESC / REF 1 / REF 2 / REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2012 12 247					
APP 401-213000	ACCOUNTS PAYABLE			3,806.85	
12/23/2012 12/16/12 122312	AP CASH DISBURSEMENTS JOURNAL				
APP 635-111100	CASH				3,806.85
12/23/2012 12/16/12 122312	AP CASH DISBURSEMENTS JOURNAL				
	GENERAL LEDGER TOTAL			3,806.85	3,806.85
APP 631-130000	DUE TO/FROM CLEARING			3,806.85	
12/23/2012 12/16/12 122312					
APP 401-130000	DUE TO/FROM CLEARING				3,806.85
12/23/2012 12/16/12 122312					
	SYSTEM GENERATED ENTRIES TOTAL			3,806.85	3,806.85
	JOURNAL 2012/12/247 TOTAL			7,613.70	7,613.70

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
401 WATER OPERATING FUND	2012 12	247	12/23/2012			
401-130000				DUE TO/FROM CLEARING		3,806.85
401-213000				ACCOUNTS PAYABLE	3,806.85	
				FUND TOTAL	3,806.85	3,806.85
631 CLEARING FUND	2012 12	247	12/23/2012			
631-130000				DUE TO/FROM CLEARING	3,806.85	
635-111100				CASH		3,806.85
				FUND TOTAL	3,806.85	3,806.85

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FROM
631 CLEARING FUND		3,806.85	
401 WATER OPERATING FUND			3,806.85
	TOTAL	3,806.85	3,806.85

** END OF REPORT - Generated by Linda Steinberg **

PAYROLL

PAYROLL CHECK RUN: 12 - 14 - 2012 (Retro Pay)
PAYROLL CHECK RUN: 12 - 20 - 2012

Run Type	Run Date	Check # Sequence	Comments	Amount
Retro	12/14/2012	026651 - 026732	P/R check run - Direct Deposit	31,403.32
Retro	12/14/2012	106019 - 106026	P/R check run - Regular	2,578.27
Vendor	12/14/2012	106027 - 106028	P/R Vendor check run	5,078.33
EFTPS	12/14/2012		Federal Tax Electronic Transfer	7,453.72
Normal	12/20/2012	026733 - 026844	P/R check run - Direct Deposit	266,055.28
Normal	12/20/2012	106029 - 106033	P/R check run - Regular	6,800.98
Vendor	12/20/2012	106034 - 106044	P/R Vendor check run	67,186.72
EFTPS	12/20/2012		Federal Tax Electronic Transfer	95,289.45
			TOTAL:	**481,846.07**

Prepared and Reviewed by: _____ Date 12.18.12
Aimee Lively

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein and that the claim is a just, due and unpaid obligation against the City of Bainbridge Island, and that I am authorized to authenticate and certify to said claim.

_____ Date 12/18/2012
Karl R Shaw, Accounting Manager

CITY OF BAINBRIDGE ISLAND
ACCOUNTS PAYABLE REPORT TO CITY COUNCIL OF CASH DISBURSEMENTS

CHECK RUN: December 24, 2012 - January 7, 2013
CITY COUNCIL: December 27, 2012 - January 9, 2013

Last check from previous run: 331982 dated 12/27/12 issued to Jerry Ringenberg in the amount of 204.46

Payment Type	Check Date	Check Number	Department/Vendor/Description	Amount
ACH	12/27/12	118	COBI Utilities December Billing	5,174.94
EFT	12/27/12	119	WA ST Department of Revenue/November Excise Taxes	17,376.43
Manual	12/13/12	331789	VOID	VOID
Manual	12/18/12	331921	VOID	VOID
Manual	12/21/12	331929	VOID	VOID
Manual	12/21/12	331984	LEGAL/Kitsap County Clerk/Court Filing Fax Fee	6.00
Manual	12/21/12	331985	FIN/City Hall Postage Machine Lease	1,075.77
Manual	12/27/12	331986	ENG/APWA/Agency Membership Dues	552.00
Manual	12/27/12	331987	POL/AWC/Jan 2013 Fehlman COBRA	2,192.91
Manual	12/27/12	331988	Eiko Shibayama/Estate of Suyematsu 1Q 2013 Land Purch Princ/Int	108,531.00
Manual	12/31/12	331989	POL/Bainbridge Bakers/31 Coffee Tokens Donation-PD Employees	100.00
Manual	1/2/13	331990	FIN/Pitney Bowes/Postage Machine Refill	5,000.00
			Manual Checks, Electronic Disbursements	**140,009.05**
Regular Run	1/10/13	331991 - 332035	**Regular Check Run**	**97,011.08**

Total Disbursements **237,020.13**

Retainage Release	N/A	N/A	No Retainage Release	ø
Travel Advance	12/31/12	56	POL/Tovar/Lateral Applicant Interview	300.00

Prepared and Reviewed by Linda Steinberg Linda Steinberg, Accounts Payable

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered, or the labor performed as described herein and that the claim is a just, due, and unpaid obligation against the City of Bainbridge Island, and that I am authorized to authenticate and certify to said claim.

Karl R. Shaw 1-3-2013

Karl R. Shaw, Accounting Manager Date

ACH WB

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
118	12/27/2012	MANL	103 CITY OF BAINBRIDGE I	181459	10573DEC12	12/06/2012		ACHDEC12	33.42
	Invoice: 10573DEC12					ERICKSEN AVE EXT IRRIGATION			
				33.42	91011768 547500	GG-C/E-PARKS-WTR/SWR			
				181460	10717DEC12	12/06/2012		ACHDEC12	152.50
	Invoice: 10717DEC12					LIBRARY IRRIGATION			
				152.50	91011722 547500	GG-C/E-LIBRARY-COBI WTR/SWR			
				181461	10727DEC12	12/06/2012		ACHDEC12	1,091.52
	Invoice: 10727DEC12					LIBRARY			
				1,091.52	91011722 547500	GG-C/E-LIBRARY-COBI WTR/SWR			
				181462	11015DEC12	12/06/2012		ACHDEC12	1,928.62
	Invoice: 11015DEC12					WWTP			
				1,928.62	91425358 547500	GG-WWTP-WATER/SEWER			
				181463	11122DEC12	12/06/2012		ACHDEC12	434.18
	Invoice: 11122DEC12					POLICE STATION			
				434.18	91011215 547500	GG-C/E-PD-COBI WTR/SWR			
				181464	11762DEC12	12/06/2012		ACHDEC12	71.48
	Invoice: 11762DEC12					WW DRINKING FOUNTAIN			
				71.48	91011768 547500	GG-C/E-PARKS-WTR/SWR			
				181465	11805DEC12	12/06/2012		ACHDEC12	34.44
	Invoice: 11805DEC12					HS/MADISON RAINBRINGER			
				34.44	91011768 547500	GG-C/E-PARKS-WTR/SWR			
				181466	11806DEC12	12/06/2012		ACHDEC12	30.18
	Invoice: 11806DEC12					MADISON/HS RAINBRINGER			
				30.18	91011768 547500	GG-C/E-PARKS-WTR/SWR			
				181467	11982DEC12	12/06/2012		ACHDEC12	765.32
	Invoice: 11982DEC12					CITY HALL			
				765.32	91011189 547500	GG-C/E-CITY HALL-COBI WTR/SWR			
				181468	11983DEC12	12/06/2012		ACHDEC12	619.78
	Invoice: 11983DEC12					CITY HALL IRRIGATION			
				619.78	91011189 547500	GG-C/E-CITY HALL-COBI WTR/SWR			
				181469	12754DEC12	12/06/2012		ACHDEC12	13.50
	Invoice: 12754DEC12					WW PLANTINGS IRRIGATION			
				13.50	91011768 547500	GG-C/E-PARKS-WTR/SWR			
						CHECK	118 TOTAL:		5,174.94

NUMBER OF CHECKS 1 *** CASH ACCOUNT TOTAL *** 5,174.94

	COUNT	AMOUNT
TOTAL MANUAL CHECKS	1	5,174.94

*** GRAND TOTAL *** 5,174.94

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL SRC ACCOUNT EFF DATE JNL DESC REF 1 REF 2 REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2012 12 305				
APP 001-213000	GENERAL - ACCOUNTS PAYABLE		3,246.32	
12/27/2012 ACHDEC12 ACHUB	AP CASH DISBURSEMENTS JOURNAL			
APP 635-111100	CASH			5,174.94
12/27/2012 ACHDEC12 ACHUB	AP CASH DISBURSEMENTS JOURNAL			
APP 402-213000	ACCOUNTS PAYABLE		1,928.62	
12/27/2012 ACHDEC12 ACHUB	AP CASH DISBURSEMENTS JOURNAL			
	GENERAL LEDGER TOTAL		5,174.94	5,174.94
APP 631-130000	DUE TO/FROM CLEARING		5,174.94	
12/27/2012 ACHDEC12 ACHUB				
APP 001-130000	GENERAL - DUE TO/FROM CLEARING			3,246.32
12/27/2012 ACHDEC12 ACHUB				
APP 402-130000	DUE TO/FROM CLEARING			1,928.62
12/27/2012 ACHDEC12 ACHUB				
	SYSTEM GENERATED ENTRIES TOTAL		5,174.94	5,174.94
	JOURNAL 2012/12/305 TOTAL		10,349.88	10,349.88

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	305	12/27/2012			
001-130000				GENERAL - DUE TO/FROM CLEARING		3,246.32
001-213000				GENERAL - ACCOUNTS PAYABLE	3,246.32	
				FUND TOTAL	3,246.32	3,246.32
402 SEWER OPERATING FUND	2012 12	305	12/27/2012			
402-130000				DUE TO/FROM CLEARING		1,928.62
402-213000				ACCOUNTS PAYABLE	1,928.62	
				FUND TOTAL	1,928.62	1,928.62
631 CLEARING FUND	2012 12	305	12/27/2012			
631-130000				DUE TO/FROM CLEARING	5,174.94	
635-111100				CASH		5,174.94
				FUND TOTAL	5,174.94	5,174.94

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FROM
631 CLEARING FUND		5,174.94	
001 GENERAL FUND			3,246.32
402 SEWER OPERATING FUND			1,928.62
	TOTAL	5,174.94	5,174.94

** END OF REPORT - Generated by Linda Steinberg **

EFT exc 14

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
119	12/27/2012	MANL	124 WA ST DEPT OF REVENU	181470	2012-11	12/27/2012		EFTDEC12	17,376.43
Invoice: 2012-11						NOV 2012 EXCISE TAXES			

			INVOICE DTL DESC
258.50	91411341	553000	FINANCE - WATER EXTRNL TAXES
618.97	91421351	553000	FINANCE - SEWER - EXTRNL TAXES
6,127.00	91421351	553000	FINANCE - SEWER - EXTRNL TAXES
20.19	91421351	553000	FINANCE - SEWER - EXTRNL TAXES
14.06	91411341	553000	FINANCE - WATER EXTRNL TAXES
3.51	91411341	553000	FINANCE - WATER EXTRNL TAXES
4,079.45	91431383	553000	FINANCE - SSWM - EXTRNL TAXES
5,277.82	91411341	553000	FINANCE - WATER EXTRNL TAXES
610.65	91421351	553000	FINANCE - SEWER - EXTRNL TAXES
82.56	53011421	66400000537	2012 PD VEH-CAP EQ
10.61	53011212	531100	PD-C/E-PATROL SUPPLIES
138.88	53011212	531100	PD-C/E-PATROL SUPPLIES
52.56	73421355	548100	WIN COLL-R&M
21.24	53011212	531100	PD-C/E-PATROL SUPPLIES
3.01	51011214	443410	PD-C/E-ADMIN-TRAINING
32.39	53011212	531100	PD-C/E-PATROL SUPPLIES
7.48	53011212	531100	PD-C/E-PATROL SUPPLIES
5.85	51011214	443410	PD-C/E-ADMIN-TRAINING
1.90	81011881	535500	IT - C/E COMPUTER PARTS & EQ
4.30	41011141	531100	FIN - C/E ADMIN SUPPLIES
5.50	73638935	531100	OFFICE SUPPLIES

CHECK 119 TOTAL: 17,376.43

NUMBER OF CHECKS 1 *** CASH ACCOUNT TOTAL *** 17,376.43

	COUNT	AMOUNT
TOTAL MANUAL CHECKS	1	17,376.43

*** GRAND TOTAL *** 17,376.43

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE / JNL DESC / REF 1 / REF 2 / REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2012 12 307					
APP 401-213000	ACCOUNTS PAYABLE			5,553.89	
12/27/2012 EFTDEC12 EXCTAX	AP CASH DISBURSEMENTS JOURNAL				
APP 635-111100	CASH				17,376.43
12/27/2012 EFTDEC12 EXCTAX	AP CASH DISBURSEMENTS JOURNAL				
APP 402-213000	ACCOUNTS PAYABLE			7,429.37	
12/27/2012 EFTDEC12 EXCTAX	AP CASH DISBURSEMENTS JOURNAL				
APP 403-213000	ACCOUNTS PAYABLE			4,079.45	
12/27/2012 EFTDEC12 EXCTAX	AP CASH DISBURSEMENTS JOURNAL				
APP 001-213000	GENERAL - ACCOUNTS PAYABLE			308.22	
12/27/2012 EFTDEC12 EXCTAX	AP CASH DISBURSEMENTS JOURNAL				
APP 631-213000	ACCOUNTS PAYABLE			5.50	
12/27/2012 EFTDEC12 EXCTAX	AP CASH DISBURSEMENTS JOURNAL				
	GENERAL LEDGER TOTAL			17,376.43	17,376.43
APP 631-130000	DUE TO/FROM CLEARING			17,370.93	
12/27/2012 EFTDEC12 EXCTAX					
APP 401-130000	DUE TO/FROM CLEARING				5,553.89
12/27/2012 EFTDEC12 EXCTAX					
APP 402-130000	DUE TO/FROM CLEARING				7,429.37
12/27/2012 EFTDEC12 EXCTAX					
APP 403-130000	DUE TO/FROM CLEARING				4,079.45
12/27/2012 EFTDEC12 EXCTAX					
APP 001-130000	GENERAL - DUE TO/FROM CLEARING				308.22
12/27/2012 EFTDEC12 EXCTAX					
	SYSTEM GENERATED ENTRIES TOTAL			17,370.93	17,370.93
	JOURNAL 2012/12/307 TOTAL			34,747.36	34,747.36

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	307	12/27/2012			
001-130000				GENERAL - DUE TO/FROM CLEARING		308.22
001-213000				GENERAL - ACCOUNTS PAYABLE	308.22	
				FUND TOTAL	308.22	308.22
401 WATER OPERATING FUND	2012 12	307	12/27/2012			
401-130000				DUE TO/FROM CLEARING		5,553.89
401-213000				ACCOUNTS PAYABLE	5,553.89	
				FUND TOTAL	5,553.89	5,553.89
402 SEWER OPERATING FUND	2012 12	307	12/27/2012			
402-130000				DUE TO/FROM CLEARING		7,429.37
402-213000				ACCOUNTS PAYABLE	7,429.37	
				FUND TOTAL	7,429.37	7,429.37
403 STORM & SURFACE WATER FUND	2012 12	307	12/27/2012			
403-130000				DUE TO/FROM CLEARING		4,079.45
403-213000				ACCOUNTS PAYABLE	4,079.45	
				FUND TOTAL	4,079.45	4,079.45
631 CLEARING FUND	2012 12	307	12/27/2012			
631-130000				DUE TO/FROM CLEARING	17,370.93	
631-213000				ACCOUNTS PAYABLE	5.50	
635-111100				CASH		17,376.43
				FUND TOTAL	17,376.43	17,376.43

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	17,370.93	
401 WATER OPERATING FUND		5,553.89
402 SEWER OPERATING FUND		7,429.37
403 STORM & SURFACE WATER FUND		4,079.45
001 GENERAL FUND		308.22
TOTAL	17,370.93	17,370.93

** END OF REPORT - Generated by Linda Steinberg **

MANUAL

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331984	12/21/2012	PRTD	4564	KITSAP COUNTY CLERK	181457	12/20/12	12/20/2012		M122112	6.00
	Invoice: 12/20/12						LEGAL/CRT FILING/FAX FEE			
					6.00	32011152 551000	LGL-C/E-GOVT/COURT FEES			
							CHECK	331984 TOTAL:		6.00
331985	12/21/2012	PRTD	420	PITNEY BOWES GLOBAL	181458	6920326-DC12	12/13/2012		M122112	1,075.77
	Invoice: 6920326-DC12						CH POSTAGE MACH LEASE			
					1,075.77	44011141 545000	RENTS & LEASES - OPERATING			
							CHECK	331985 TOTAL:		1,075.77
						NUMBER OF CHECKS 2	*** CASH ACCOUNT TOTAL ***			1,081.77

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	2	1,081.77

*** GRAND TOTAL *** 1,081.77

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2012 12 268									
APP 001-213000					GENERAL - ACCOUNTS PAYABLE			1,081.77	
12/21/2012 M122112		122112			AP CASH DISBURSEMENTS JOURNAL				
APP 635-111100					CASH				1,081.77
12/21/2012 M122112		122112			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			1,081.77	1,081.77
APP 631-130000					DUE TO/FROM CLEARING			1,081.77	
12/21/2012 M122112		122112							
APP 001-130000					GENERAL - DUE TO/FROM CLEARING				1,081.77
12/21/2012 M122112		122112							
					SYSTEM GENERATED ENTRIES TOTAL			1,081.77	1,081.77
					JOURNAL 2012/12/268 TOTAL			2,163.54	2,163.54

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	268	12/21/2012			
001-130000				GENERAL - DUE TO/FROM CLEARING		1,081.77
001-213000				GENERAL - ACCOUNTS PAYABLE	1,081.77	
				FUND TOTAL	1,081.77	1,081.77
631 CLEARING FUND	2012 12	268	12/21/2012			
631-130000				DUE TO/FROM CLEARING	1,081.77	
635-111100				CASH		1,081.77
				FUND TOTAL	1,081.77	1,081.77

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	1,081.77	
001 GENERAL FUND		1,081.77
TOTAL	1,081.77	1,081.77

** END OF REPORT - Generated by Linda Steinberg **

MANUAL

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331986	12/27/2012	PRTD	1513	AMERICAN PUBLIC WORK	181472	12/05/12A	12/05/2012		M122612	552.00
	Invoice: 12/05/12A						ENG/AGENCY MEMBERSHIP DUES			
						276.00 72011321 549100	ENG - C/E ADMIN MISCELLEANEOUS			
						276.00 73637891 549100	DUES/SUBSCRIPTIONS			
							CHECK	331986 TOTAL:		552.00
331987	12/27/2012	PRTD	37	ASSOCIATION OF WASHI	181471	1/10/13	12/26/2012		M122612	2,192.91
	Invoice: 1/10/13						POL/JAN 2013 FEHLMAN COBRA			
						2,192.91 51011211 520000	PD-C/E ADMIN-BENEFITS			
							CHECK	331987 TOTAL:		2,192.91
331988	12/27/2012	PRTD	3843	EIKO SHIBAYAMA, P.R.	181473	12/14/12A	12/14/2012	21200071	M122612	108,531.00
	Invoice: 12/14/12A						2013 1Q LAND PURCHASE PRINC/INT			
						100,000.00 91021911 775000	FIN-OS-CAP LEASE/INSTALL PURCH			
						8,531.00 91021921 783000	FIN-OS INTEREST EXP			
							CHECK	331988 TOTAL:		108,531.00
						NUMBER OF CHECKS 3	*** CASH ACCOUNT TOTAL ***			111,275.91

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	3	111,275.91

*** GRAND TOTAL *** 111,275.91

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE / JNL DESC / REF 1 / REF 2 / REF 3	ACCOUNT DESC / LINE DESC	T OB	DEBIT	CREDIT
2012 12 309				
APP 001-213000	GENERAL - ACCOUNTS PAYABLE		110,999.91	
12/27/2012 M122612 122712	AP CASH DISBURSEMENTS JOURNAL			
APP 635-111100	CASH			111,275.91
12/27/2012 M122612 122712	AP CASH DISBURSEMENTS JOURNAL			
APP 631-213000	ACCOUNTS PAYABLE		276.00	
12/27/2012 M122612 122712	AP CASH DISBURSEMENTS JOURNAL			
	GENERAL LEDGER TOTAL		111,275.91	111,275.91
APP 631-130000	DUE TO/FROM CLEARING		110,999.91	
12/27/2012 M122612 122712				
APP 001-130000	GENERAL - DUE TO/FROM CLEARING			110,999.91
12/27/2012 M122612 122712				
	SYSTEM GENERATED ENTRIES TOTAL		110,999.91	110,999.91
	JOURNAL 2012/12/309 TOTAL		222,275.82	222,275.82

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	309	12/27/2012			
001-130000				GENERAL - DUE TO/FROM CLEARING		110,999.91
001-213000				GENERAL - ACCOUNTS PAYABLE	110,999.91	
				FUND TOTAL	110,999.91	110,999.91
631 CLEARING FUND	2012 12	309	12/27/2012			
631-130000				DUE TO/FROM CLEARING	110,999.91	
631-213000				ACCOUNTS PAYABLE	276.00	
635-111100				CASH		111,275.91
				FUND TOTAL	111,275.91	111,275.91

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	110,999.91	
001 GENERAL FUND		110,999.91
TOTAL	110,999.91	110,999.91

** END OF REPORT - Generated by Linda Steinberg **

M ANNUAL

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331989	12/31/2012	PRTD	4715	BAINBRIDGE BAKERS	181497	12/27/12	12/27/2012		M123112	100.00
Invoice: 12/27/12						POL/31 COFFEE TOKENS-PD EMPL				
					100.00	51011211 531100	PD-C/E-ADM-SUPPLIES			
							CHECK 331989 TOTAL:			100.00
						NUMBER OF CHECKS 1	*** CASH ACCOUNT TOTAL ***			100.00

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	1	100.00

*** GRAND TOTAL *** 100.00

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2012 12 404									
APP 001-213000					GENERAL - ACCOUNTS PAYABLE			100.00	
12/31/2012	M123112	123112			AP CASH DISBURSEMENTS JOURNAL				
APP 635-111100					CASH				100.00
12/31/2012	M123112	123112			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			100.00	100.00
APP 631-130000					DUE TO/FROM CLEARING			100.00	
12/31/2012	M123112	123112							
APP 001-130000					GENERAL - DUE TO/FROM CLEARING				100.00
12/31/2012	M123112	123112							
					SYSTEM GENERATED ENTRIES TOTAL			100.00	100.00
					JOURNAL 2012/12/404 TOTAL			200.00	200.00

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	404	12/31/2012			
001-130000				GENERAL - DUE TO/FROM CLEARING		100.00
001-213000				GENERAL - ACCOUNTS PAYABLE	100.00	
				FUND TOTAL	100.00	100.00
631 CLEARING FUND	2012 12	404	12/31/2012			
631-130000				DUE TO/FROM CLEARING	100.00	
635-111100				CASH		100.00
				FUND TOTAL	100.00	100.00

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	100.00	
001 GENERAL FUND		100.00
TOTAL	100.00	100.00

** END OF REPORT - Generated by Linda Steinberg **

MANUAL

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
331990	01/02/2013	PRTD	1565	PITNEY BOWES INC	181559	12/31/12	12/31/2012		M010213	5,000.00
	Invoice: 12/31/12						FIN/POSTAGE MACHINE REFILL			
					5,000.00	91011189 542500	GG-C/E-CITY HALL-POSTAGE			
							CHECK 331990 TOTAL:			5,000.00
						NUMBER OF CHECKS 1	*** CASH ACCOUNT TOTAL ***			5,000.00

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	1	5,000.00

*** GRAND TOTAL *** 5,000.00

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2013 1 106									
APP 001-213000					GENERAL - ACCOUNTS PAYABLE			5,000.00	
01/03/2013	M010213	010213			AP CASH DISBURSEMENTS JOURNAL				
APP 635-111100					CASH				5,000.00
01/03/2013	M010213	010213			AP CASH DISBURSEMENTS JOURNAL				
					GENERAL LEDGER TOTAL			5,000.00	5,000.00
APP 631-130000					DUE TO/FROM CLEARING			5,000.00	
01/03/2013	M010213	010213							
APP 001-130000					GENERAL - DUE TO/FROM CLEARING				5,000.00
01/03/2013	M010213	010213							
					SYSTEM GENERATED ENTRIES TOTAL			5,000.00	5,000.00
					JOURNAL 2013/01/106 TOTAL			10,000.00	10,000.00

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2013 1	106	01/03/2013			
001-130000				GENERAL - DUE TO/FROM CLEARING		5,000.00
001-213000				GENERAL - ACCOUNTS PAYABLE	5,000.00	
				FUND TOTAL	5,000.00	5,000.00
631 CLEARING FUND	2013 1	106	01/03/2013			
631-130000				DUE TO/FROM CLEARING	5,000.00	
635-111100				CASH		5,000.00
				FUND TOTAL	5,000.00	5,000.00

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	5,000.00	
001 GENERAL FUND		5,000.00
TOTAL	5,000.00	5,000.00

** END OF REPORT - Generated by Linda Steinberg **

Regular

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
331991	01/10/2013	PRTD	5 ACE HARDWARE	181474	22855	12/17/2012		01/06/13	19.48
Invoice: 22855					PW/STYROFM FAUCET COVER				
				19.48	73011897 531100	O&M-C/E-PWYD FAC-SUPPLIES			
				181475	22870	12/18/2012		01/06/13	76.01
Invoice: 22870					PW/COAT HOOK/BROOM/FASTENERS				
				76.01	73425358 548100	O&M-WWTP-REPAIRS			
				181476	22878	12/19/2012		01/06/13	10.84
Invoice: 22878					PW/CAT LITTER				
				10.84	73425358 531100	O&M-WWTP-SUPPLIES			
				181477	22883	12/19/2012		01/06/13	29.27
Invoice: 22883					PW/LATEX GLUE/FLANGES				
				29.27	73011215 54810000607	PD SEWER REPAIRS-REPAIRS			
				181478	22887	12/20/2012		01/06/13	39.01
Invoice: 22887					PW/PAINT SUPPL/WAX RING				
				39.01	73011215 54810000607	PD SEWER REPAIRS-REPAIRS			
				181479	22893	12/20/2012		01/06/13	42.42
Invoice: 22893					PW/FASTENERS				
				42.42	73425358 548100	O&M-WWTP-REPAIRS			
				181480	22900	12/21/2012		01/06/13	52.93
Invoice: 22900					PW/PAINT/PUTTY/STRAINER				
				52.93	73011215 54810000607	PD SEWER REPAIRS-REPAIRS			
				181481	22903	12/21/2012		01/06/13	10.31
Invoice: 22903					PW/COUPLING 1 1/2				
				10.31	73011215 54810000607	PD SEWER REPAIRS-REPAIRS			
				181482	22926	12/26/2012		01/06/13	24.37
Invoice: 22926					PW/5 GAL PAINT PAILS X 6				
				24.37	73011189 531100	O&M - C/E FACIL OFC SUPPLIES			
				181542	22967	12/21/2012		01/06/13	8.68
Invoice: 22967					POL/UPHOLSTERY CLEANER				
				8.68	51011215 531100	POLICE - C/E FACIL SUPPLIES			
						CHECK 331991 TOTAL:			313.32
331992	01/10/2013	PRTD	4710 ASSOCIATED PETROLEU	181483	0380658-IN	12/19/2012		01/06/13	1,802.74
Invoice: 0380658-IN					PW/574.6 GAL ETHANOL				
				1,802.74	73638932 532000	O&M-FUEL ALLOC TO OTH DEPTS			
				181484	0380659-IN	12/19/2012		01/06/13	2,196.53
Invoice: 0380659-IN					PW/650GAL DIESEL				
				2,196.53	73638893 532000	O&M-FUEL USE-ALLOCATION			
				181485	0420397-IN	12/17/2012		01/06/13	700.69

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
Invoice: 0420397-IN						PW/625.5 GAL BULK PROPANE			
				700.69	91011897 547200	GG-C/E-O&M YARD FAC-PROPANE			
							CHECK	331992 TOTAL:	4,699.96
331993	01/10/2013	PRTD	6852 CENTRAL LAKE ARMOR E	181543	0045576-IN	12/13/2012		01/06/13	2,254.53
Invoice: 0045576-IN						POL/BODY ARMOR X3/810, 822, 858			
				2,254.53	53011212 531100	PD-C/E-PATROL SUPPLIES			
							CHECK	331993 TOTAL:	2,254.53
331994	01/10/2013	PRTD	54 BAINBRIDGE RENTAL IN	181488	135685	12/14/2012		01/06/13	52.94
Invoice: 135685						PW/BLADE SHARPENING			
				52.94	73011183 548100	O&M-C/E-CH FAC-REPAIRS			
							CHECK	331994 TOTAL:	52.94
331995	01/10/2013	PRTD	1341 BLUE SKY PRINTING	181544	95360	12/20/2012		01/06/13	96.65
Invoice: 95360						POL/BUSINESS CARDS X3/806, 812, 821			
				32.22	52011212 531100	POLICE - C/E INVEST SUPPLIES			
				64.43	53011212 531100	PD-C/E-PATROL SUPPLIES			
							CHECK	331995 TOTAL:	96.65
331996	01/10/2013	PRTD	4586 CHS, INC.	181489	G25169	12/26/2012		01/06/13	308.11
Invoice: G25169						PW/49 50# BAGS SALT			
				308.11	73411345 531100	OFFICE SUPPLIES			
							CHECK	331996 TOTAL:	308.11
331997	01/10/2013	PRTD	551 CENUTRYLINK	181563	0399DEC12	12/23/2012		01/06/13	2,401.85
Invoice: 0399DEC12						CITY WIDE PHONE SERVICE			
				1,442.23	91425358 542100	GG-WWTP-TELEPHONE/FAX			
				587.46	91411891 542100	GG-WTR-FAC-PHONE			
				67.92	91011755 542100	GG-C/E-COMMONS-PHONE			
				138.02	91011897 542100	GG-C/E-O&M YARD FAC-PHONE			
				43.99	91011255 542100	GG-C/E-COURT BLDG-PHONE			
				34.05	91011215 542100	GG-C/E-PD-PHONE			
				88.18	91011189 542100	GG-C/E-CITY HALL-PHONE			
							CHECK	331997 TOTAL:	2,401.85
331998	01/10/2013	PRTD	99 CINTAS CORPORATION #	181490	461207950	12/20/2012		01/06/13	361.12
Invoice: 461207950						PW/LAUNDRY SERVICES			
				361.12	73638893 589310	LAUNDRY SERVICES			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
							CHECK		331998 TOTAL:	361.12
331999	01/10/2013	PRTD	6416	CLARION ASSOCIATES	181499	52247	12/17/2012	28000640	01/06/13	300.00
Invoice: 52247						COMP PLAN OVERHAUL				
					300.00	61011582 54110000290	BIMC CODE OVERHAUL-PRO SVCS			
							CHECK		331999 TOTAL:	300.00
332000	01/10/2013	PRTD	4513	WASTE MANAGEMENT	181491	0033918-2588-6	12/15/2012		01/06/13	16,329.01
Invoice: 0033918-2588-6						PW/DISPOSAL SVCS DECANT				
					16,329.01	91435838 547900	GG-DECANT-GARBAGE			
							CHECK		332000 TOTAL:	16,329.01
332001	01/10/2013	PRTD	6920	COMCAST	181545	72993DEC12	12/20/2012		01/06/13	11.32
Invoice: 72993DEC12						POL/XFINITY HD CONVERTER BOX				
					11.32	51011211 545000	PD-C/E-ADMIN RENTS/LEASE			
							CHECK		332001 TOTAL:	11.32
332002	01/10/2013	PRTD	1953	FERGUSON ENTERPRISES	181492	0363547	12/13/2012		01/06/13	13.84
Invoice: 0363547						PW/PVC ADAPT/PLUGS				
					13.84	73421355 548100	WIN COLL-R&M			
							CHECK		332002 TOTAL:	13.84
332003	01/10/2013	PRTD	6940	FREMONT ANALYTICAL	181493	1212038	12/18/2012	21100558	01/06/13	160.00
Invoice: 1212038						SVCS & TECH SUPPORT - ON CALL				
					160.00	72431832 54110000522	NPDES 2011 GRANT-PROF SVCS			
					181495	1212057	12/27/2012	21200023	01/06/13	1,578.00
Invoice: 1212057						ENG/SVCS & TECH SPPRT-ON CALL				
					1,578.00	72431832 54110000445	NPDES PERMIT-PRO SVCS			
					181496	1212062	12/27/2012	21200023	01/06/13	2,684.75
Invoice: 1212062						ENG/SVCS & TECH SPPRT-ON CALL				
					2,684.75	72431832 54110000445	NPDES PERMIT-PRO SVCS			
							CHECK		332003 TOTAL:	4,422.75
332004	01/10/2013	PRTD	5765	FOUR SEASONS LANDSCA	181500	2630	12/19/2012		01/06/13	325.80
Invoice: 2630						PW/WINTERIZE IRRIGAT SYS				
					325.80	73011183 548100	O&M-C/E-CH FAC-REPAIRS			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
						CHECK	332004 TOTAL:		325.80
332005	01/10/2013	PRTD	6765 GREY CHEVROLET	181501	5027746	12/17/2012		01/06/13	115.58
Invoice: 5027746						PW/REGULATOR			
				115.58	73011189 548100	O&M - C/E FACIL REPAIRS			
						CHECK	332005 TOTAL:		115.58
332006	01/10/2013	PRTD	5275 GROUP HEALTH COOPERA	181502	74002439	11/30/2012		01/06/13	75.00
Invoice: 74002439						PW/OH DOT EXAM-KT			
				75.00	73011189 520000	O&M - C/E FACIL BENEFITS			
						CHECK	332006 TOTAL:		75.00
332007	01/10/2013	PRTD	4850 HOME DEPOT CREDIT SE	181504	12/20/12	12/20/2012		01/06/13	70.76
Invoice: 12/20/12						PW/FAUCET/SILICONE/NAILS			
				70.76	73011215 54810000607	PD SEWER REPAIRS-REPAIRS			
						CHECK	332007 TOTAL:		70.76
332008	01/10/2013	PRTD	2501 INTERNATIONAL CODE C	181505	INV0228055	12/10/2012		01/06/13	152.56
Invoice: INV0228055						PCD/IMC CODE/FLASH CARDS			
				152.56	62471591 531100	BLDG - BLDG OFFICE SUPPLIES			
						CHECK	332008 TOTAL:		152.56
332009	01/10/2013	PRTD	5408 CRC UNIFORMS & EQUIP	181546	21230	12/18/2012		01/06/13	233.49
Invoice: 21230						POL/UNIFORMS/814			
				233.49	53011212 520000	POLICE - C/E PATROL BENEFITS			
						CHECK	332009 TOTAL:		233.49
332010	01/10/2013	PRTD	6577 LAKESIDE INDUSTRIES	181561	PAYREQFINAL-222	12/07/2012	21200095	01/06/13	48,401.85
Invoice: PAYREQFINAL-222						ISLAND WIDE ASPHALT REPAIR			
				48,401.85	72111953 66300000222	STREET-ROADS PRES-CONSTR			
						CHECK	332010 TOTAL:		48,401.85
332011	01/10/2013	PRTD	6454 MAP LTD	181506	27002	12/17/2012	21200161	01/06/13	2,790.00
Invoice: 27002						LYNWOOD CENTER DESIGN			
				2,790.00	72433438 64110000599	LYNWOOD OUTFALL-ENG/DESIGN			
				181507	27008	12/17/2012	21100577	01/06/13	765.00
Invoice: 27008						DRIPPING WATER CREEK DESIGN			
				765.00	72433438 64110000577	DRIPPING WTR CRK ADCP-PROF SVC			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
					181508	27009	12/17/2012	21200179	01/06/13	750.00
	Invoice: 27009					ISSAC DRAINAGE DESIGN				
					750.00	72433438 64110000610	ISAAC/FERNCLIFF IMPR-DESIGN			
							CHECK	332011	TOTAL:	4,305.00
332012	01/10/2013	PRTD	5837	NCL OF WISCONSIN INC	181510	313952	12/06/2012		01/06/13	774.31
	Invoice: 313952					PW/FILTERS/PETRI DISHES/GAUGE				
					774.31	73425358 531100	O&M-WWTP-SUPPLIES			
							CHECK	332012	TOTAL:	774.31
332013	01/10/2013	PRTD	480	NELSON TRUCK EQUIPME	181509	561566	12/20/2012		01/06/13	201.77
	Invoice: 561566					PW/LATCH KIT/EX PROT LOCK				
					201.77	73011189 548100	O&M - C/E FACIL REPAIRS			
							CHECK	332013	TOTAL:	201.77
332014	01/10/2013	PRTD	677	NORTH COAST ELECTRIC	181511	S4877798.001	12/03/2012		01/06/13	357.73
	Invoice: S4877798.001					PW/SYL FO32/841 X 90				
					357.73	73011897 531100	O&M-C/E-PWYD FAC-SUPPLIES			
							CHECK	332014	TOTAL:	357.73
332015	01/10/2013	PRTD	4129	OWEN EQUIPMENT COMPA	181512	00066283	12/10/2012		01/06/13	151.93
	Invoice: 00066283					PW/2 FLEXIBLE HOSES				
					151.93	73421355 548100	WIN COLL-R&M			
							CHECK	332015	TOTAL:	151.93
332016	01/10/2013	PRTD	5977	PAPER PRODUCTS ETC	181513	500904	12/28/2012		01/06/13	43.49
	Invoice: 500904					FIN/WALL CALENDAR				
					43.49	41011141 531100	FIN - C/E ADMIN SUPPLIES			
							CHECK	332016	TOTAL:	43.49
332017	01/10/2013	PRTD	4887	PHOENIX ENVIRONMENTA	181514	2124252	11/19/2012		01/06/13	452.52
	Invoice: 2124252					PW/CHLOR TEST/RECYC FILTERS				
					452.52	73638935 548100	O&M-STD ALLOCATION-REPAIRS			
							CHECK	332017	TOTAL:	452.52

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
332018	01/10/2013	PRTD	420	PITNEY BOWES INC	181515	459645	12/30/2012		01/06/13	325.78
	Invoice: 459645						FIN/POSTAGE METER SUPPLIES			
					325.78	41011141 531100	FIN - C/E ADMIN SUPPLIES			
					181517	5502097883	12/26/2012		01/06/13	195.46
	Invoice: 5502097883						FIN/POSTAGE METER SUPPL			
					195.46	41011141 531100	FIN - C/E ADMIN SUPPLIES			
					181518	5502097884	12/26/2012		01/06/13	162.88
	Invoice: 5502097884						FIN/POSTAGE METER SUPPL			
					162.88	41011141 531100	FIN - C/E ADMIN SUPPLIES			
							CHECK	332018 TOTAL:		684.12
332019	01/10/2013	PRTD	360	PROBUILD COMPANY LLC	181520	1461200	12/20/2012		01/06/13	81.40
	Invoice: 1461200						PW/50# QUICK CEMENT			
					81.40	73421355 548100	WIN COLL-R&M			
					181521	1460800	12/17/2012		01/06/13	38.91
	Invoice: 1460800						PW/UITL KNIFE/TROWELL			
					38.91	73011215 54810000607	PD SEWER REPAIRS-REPAIRS			
					181522	1460753	12/17/2012		01/06/13	10.43
	Invoice: 1460753						PW/DRYWALL TAPE			
					10.43	73011215 54810000607	PD SEWER REPAIRS-REPAIRS			
							CHECK	332019 TOTAL:		130.74
332020	01/10/2013	PRTD	2203	PUBLIC SAFETY TESTIN	181523	2012-4796	12/21/2012		01/06/13	250.00
	Invoice: 2012-4796						HR/POL OFFICER TESTING			
					250.00	91011211 549100	GG-C/E-CIVIL SVC-DUES/SUBS			
							CHECK	332020 TOTAL:		250.00
332021	01/10/2013	PRTD	7563	PUMPTECH INC	181524	0062017-IN	12/07/2012		01/06/13	102.58
	Invoice: 0062017-IN						PW/WWTP VOLUTE GASKETS			
					102.58	73425358 548100	O&M-WWTP-REPAIRS			
							CHECK	332021 TOTAL:		102.58
332022	01/10/2013	PRTD	5431	RAY PETERSON	181525	518050	12/17/2012		01/06/13	30.41
	Invoice: 518050						PW/DUMP FEE-BRUSH			
					30.41	73011183 548100	O&M-C/E-CH FAC-REPAIRS			
					181526	520670	12/14/2012		01/06/13	17.38
	Invoice: 520670						PW/DUMP FEE-BRUSH			
					17.38	73111427 548100	O&M-ACCESS RDSIDE R&M			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
				INVOICE DTL DESC						
							CHECK 332022 TOTAL:			47.79
332023	01/10/2013	PRTD	557	RELIABLE STORAGE BAI	181527	5026	12/10/2012		01/06/13	390.00
Invoice: 5026							PCD/DEC 2012 RENT			
					390.00	61470581 545000	PCD - DEV ADMIN RENTS & LEASES			
							CHECK 332023 TOTAL:			390.00
332024	01/10/2013	PRTD	7527	RIDOLFI INC	181528	2012-5236	11/30/2012	21200111	01/06/13	4,607.86
Invoice: 2012-5236							SHORELINE MONITORING			
					1,954.01	64011391 54110000340	STRAWBERRY-PROF SVCS			
					2,653.85	64011391 54110000341	PP E BLUFF-PROF SVCS			
							CHECK 332024 TOTAL:			4,607.86
332025	01/10/2013	PRTD	6747	SOUND FAMILY HEALTH	181534	CDL-DEC12-RN	12/10/2012		01/06/13	12.00
Invoice: CDL-DEC12-RN							PW/CDLDEC12-RN			
					12.00	73431835 520000	BENEFITS			
					181535	CDLDEC12-RN	12/10/2012		01/06/13	148.00
Invoice: CDLDEC12-RN							PW/CDL EXAM-RN			
					148.00	73431835 520000	BENEFITS			
							CHECK 332025 TOTAL:			160.00
332026	01/10/2013	PRTD	6714	TOSHIBA FINANCIAL SE	181529	13101390	12/17/2012		01/06/13	236.81
Invoice: 13101390							PCD/STUDIO 4540C COPIER LEASE			
					236.81	61470581 545000	PCD - DEV ADMIN RENTS & LEASES			
					181530	13101391	12/17/2012		01/06/13	329.06
Invoice: 13101391							PCD/STUDIO 6550C COPIER LEASE			
					329.06	61470581 545000	PCD - DEV ADMIN RENTS & LEASES			
					181531	13105482	12/18/2012		01/06/13	228.94
Invoice: 13105482							ENG/4540C COPIER LEASE			
					109.89	72011321 545000	ENG - C/E ADMIN RENTS & LEASES			
					36.63	72411341 545000	ENG - WATER ADMIN RENTS			
					27.47	72421341 545000	RENTS & LEASES - OPERATING			
					27.47	71011321 545000	PW - C/E RENTS & LEASES - OPER			
					13.74	72011325 545000	ENG - C/E FACIL RENTS & LEASES			
					13.74	72111431 545000	ENG - ACCESS MGMT RENTS/LEASES			
							CHECK 332026 TOTAL:			794.81

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
332027	01/10/2013	PRTD	560	TWISS ANALYTICAL INC	181532	12-56413	12/13/2012	21200006	01/06/13	115.92
Invoice: 12-56413						WINSLOW WATER TESTING				
					115.92	73411345 54110000391	LAB SVCS-WATER			
					181533	12-56553	12/21/2012	21200006	01/06/13	96.60
Invoice: 12-56553						WINSLOW WATER TESTING				
					96.60	73411345 54110000391	LAB SVCS-WATER			
							CHECK	332027	TOTAL:	212.52
332028	01/10/2013	PRTD	6088	ULINE SHIPPING SUPPL	181549	48300281	12/21/2012		01/06/13	57.09
Invoice: 48300281						POL/CLASP ENVELOPES				
					57.09	51011211 531100	PD-C/E-ADM-SUPPLIES			
							CHECK	332028	TOTAL:	57.09
332029	01/10/2013	PRTD	2190	UNITED PARCEL SERVIC	181547	28Y3Y1502	12/15/2012		01/06/13	22.59
Invoice: 28Y3Y1502						POL/SHIP TO VENDORS				
					22.59	91011215 542500	GG-C/E-PD-POSTAGE			
					181550	28Y3Y1512	12/22/2012		01/06/13	28.29
Invoice: 28Y3Y1512						POL/SHIP TO VENDORS				
					28.29	91011215 542500	GG-C/E-PD-POSTAGE			
							CHECK	332029	TOTAL:	50.88
332030	01/10/2013	PRTD	7107	VIEVU LLC	181548	4752	12/18/2012		01/06/13	220.34
Invoice: 4752						POL/USB CABLES AND CLIPS X6 EA				
					220.34	53011212 531100	PD-C/E-PATROL SUPPLIES			
							CHECK	332030	TOTAL:	220.34
332031	01/10/2013	PRTD	7420	WA ST DEPT OF ENTERP	181551	76144	12/06/2012		01/06/13	17.92
Invoice: 76144						POL/STATE WALL CALENDARS X6				
					17.92	51011211 531100	PD-C/E-ADM-SUPPLIES			
							CHECK	332031	TOTAL:	17.92
332032	01/10/2013	PRTD	969	WA ST DEPT OF LICENS	181564	F0101136	12/11/2012		01/06/13	18.00
Invoice: F0101136						CPL/F101136/ORIGINAL + FBI				
					18.00	41654860 586000	GUN PERMIT OUT			
					181565	F0101139	12/13/2012		01/06/13	21.00
Invoice: F0101139						CPL/F101139/LATE RENEWAL				
					21.00	41654860 586000	GUN PERMIT OUT			

CASH ACCOUNT: 635 111100 CASH

CHECK NO	CHK DATE	TYPE	VENDOR NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
					INVOICE DTL DESC				
				181566	F101141	12/18/2012		01/06/13	18.00
			Invoice: F101141			CPL/F101141/RENEWAL			
				18.00	41654860 586000	GUN PERMIT OUT			
				181567	F101132	12/19/2012		01/06/13	18.00
			Invoice: F101132			CPL/F101132/ORIGINAL + FBI			
				18.00	41654860 586000	GUN PERMIT OUT			
				181568	F101135	12/19/2012		01/06/13	18.00
			Invoice: F101135			CPL/F101135/ORIGINAL + FBI			
				18.00	41654860 586000	GUN PERMIT OUT			
				181569	F101130	12/21/2012		01/06/13	18.00
			Invoice: F101130			CPL/F101130/ORIGINAL + FBI			
				18.00	41654860 586000	GUN PERMIT OUT			
				181570	F101150	12/20/2012		01/06/13	18.00
			Invoice: F101150			CPL/F101150/ORIGINAL + FBI			
				18.00	41654860 586000	GUN PERMIT OUT			
				181571	F031789	12/24/2012		01/06/13	18.00
			Invoice: F031789			CPL/F031789/ORIGINAL + FBI			
				18.00	41654860 586000	GUN PERMIT OUT			
				181572	F101125	12/24/2012		01/06/13	18.00
			Invoice: F101125			CPL/F101125/ORIGINAL + FBI			
				18.00	41654860 586000	GUN PERMIT OUT			
						CHECK 332032 TOTAL:			165.00
332033	01/10/2013	PRTD	5271 WASHINGTON WATER SER	181536	01317101-DEC12	12/17/2012		01/06/13	128.09
			Invoice: 01317101-DEC12			DEC12 WATER DECANT FACILITY			
				128.09	91435838 547500	GG-DECANT-WATER/SEWER			
						CHECK 332033 TOTAL:			128.09
332034	01/10/2013	PRTD	499 WESTBAY AUTO PARTS I	181537	804977	11/16/2012		01/06/13	1,930.91
			Invoice: 804977			PW/EXTANG COVERS			
				1,930.91	72011325 531100	ENG - C/E FACIL SUPPLIES			
				181538	810879	12/11/2012		01/06/13	-257.46
			Invoice: 810879			PW/RETURN BATTERY			
				-257.46	61011581 548100	PCD - C/E ADMIN REPAIRS MAINT			
				181539	812207	12/21/2012		01/06/13	15.02
			Invoice: 812207			PW/CABIN AIR FILTER			
				15.02	73431835 548100	REPAIRS & MAINTENANCE			
				181540	812210	12/17/2012		01/06/13	15.02
			Invoice: 812210			PW/CABIN AIR FILTER			

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL / SRC ACCOUNT / EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC / LINE DESC	T	OB	DEBIT	CREDIT
2012 12 439									
APP 001-213000					GENERAL - ACCOUNTS PAYABLE			13,249.13	
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
APP 635-111100					CASH				97,011.08
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
APP 402-213000					ACCOUNTS PAYABLE			2,723.03	
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
APP 631-213000					ACCOUNTS PAYABLE			4,812.91	
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
APP 401-213000					ACCOUNTS PAYABLE			1,144.72	
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
APP 403-213000					ACCOUNTS PAYABLE			25,359.87	
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
APP 407-213000					ACCOUNTS PAYABLE			1,108.43	
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
APP 101-213000					STREETS - ACCOUNTS PAYABLE			48,447.99	
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
APP 650-213000					ACCOUNTS PAYABLE			165.00	
12/31/2012 01/06/13	AP CASH DISBURSEMENTS JOURNAL	010613							
					GENERAL LEDGER TOTAL			97,011.08	97,011.08
APP 631-130000					DUE TO/FROM CLEARING			92,198.17	
12/31/2012 01/06/13		010613							
APP 001-130000					GENERAL - DUE TO/FROM CLEARING				13,249.13
12/31/2012 01/06/13		010613							
APP 402-130000					DUE TO/FROM CLEARING				2,723.03
12/31/2012 01/06/13		010613							
APP 401-130000					DUE TO/FROM CLEARING				1,144.72
12/31/2012 01/06/13		010613							
APP 403-130000					DUE TO/FROM CLEARING				25,359.87
12/31/2012 01/06/13		010613							
APP 407-130000					DUE TO/FROM CLEARING				1,108.43
12/31/2012 01/06/13		010613							
APP 101-130000					STREETS - DUE TO/FROM CLEARING				48,447.99
12/31/2012 01/06/13		010613							
APP 650-130000					DUE TO/FROM CLEARING				165.00
12/31/2012 01/06/13		010613							
					SYSTEM GENERATED ENTRIES TOTAL			92,198.17	92,198.17
					JOURNAL 2012/12/439 TOTAL			189,209.25	189,209.25

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	439	12/31/2012			
001-130000				GENERAL - DUE TO/FROM CLEARING		13,249.13
001-213000				GENERAL - ACCOUNTS PAYABLE	13,249.13	
				FUND TOTAL	13,249.13	13,249.13
101 STREET FUND	2012 12	439	12/31/2012			
101-130000				STREETS - DUE TO/FROM CLEARING		48,447.99
101-213000				STREETS - ACCOUNTS PAYABLE	48,447.99	
				FUND TOTAL	48,447.99	48,447.99
401 WATER OPERATING FUND	2012 12	439	12/31/2012			
401-130000				DUE TO/FROM CLEARING		1,144.72
401-213000				ACCOUNTS PAYABLE	1,144.72	
				FUND TOTAL	1,144.72	1,144.72
402 SEWER OPERATING FUND	2012 12	439	12/31/2012			
402-130000				DUE TO/FROM CLEARING		2,723.03
402-213000				ACCOUNTS PAYABLE	2,723.03	
				FUND TOTAL	2,723.03	2,723.03
403 STORM & SURFACE WATER FUND	2012 12	439	12/31/2012			
403-130000				DUE TO/FROM CLEARING		25,359.87
403-213000				ACCOUNTS PAYABLE	25,359.87	
				FUND TOTAL	25,359.87	25,359.87
407 BUILDING & DEVELOPMENT FUND	2012 12	439	12/31/2012			
407-130000				DUE TO/FROM CLEARING		1,108.43
407-213000				ACCOUNTS PAYABLE	1,108.43	
				FUND TOTAL	1,108.43	1,108.43
631 CLEARING FUND	2012 12	439	12/31/2012			
631-130000				DUE TO/FROM CLEARING	92,198.17	
631-213000				ACCOUNTS PAYABLE	4,812.91	
635-111100				CASH		97,011.08
				FUND TOTAL	97,011.08	97,011.08
650 AGENCY FUND	2012 12	439	12/31/2012			
650-130000				DUE TO/FROM CLEARING		165.00
650-213000				ACCOUNTS PAYABLE	165.00	
				FUND TOTAL	165.00	165.00

JOURNAL ENTRIES TO BE CREATED

FUND	DUE TO	DUE FROM
631 CLEARING FUND	92,198.17	
001 GENERAL FUND		13,249.13
402 SEWER OPERATING FUND		2,723.03
401 WATER OPERATING FUND		1,144.72
403 STORM & SURFACE WATER FUND		25,359.87
407 BUILDING & DEVELOPMENT FUND		1,108.43
101 STREET FUND		48,447.99
650 AGENCY FUND		165.00
TOTAL	92,198.17	92,198.17

** END OF REPORT - Generated by Linda Steinberg **

TRV ADV

CASH ACCOUNT: 013 111100 ADV TRAVEL - CASH

CHECK NO	CHK DATE	TYPE	VENDOR	NAME	VOUCHER	INVOICE	INV DATE	PO	WARRANT	NET
						INVOICE DTL DESC				
56	12/31/2012	PRTD	7358	MICHAEL TOVAR	181498	TRVLDEC12	12/31/2012		TA123112	300.00
	Invoice: TRVLDEC12					POL/INTERVIEW LATERAL APPL-MT				
					300.00 013	122100 ADV TRAVEL ACCOUNTS RECEIVABLE				
								CHECK	56 TOTAL:	300.00

NUMBER OF CHECKS 1 *** CASH ACCOUNT TOTAL *** 300.00

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	1	300.00

*** GRAND TOTAL *** 300.00

JOURNAL ENTRIES TO BE CREATED

CLERK: lsteinberg

YEAR PER JNL SRC ACCOUNT EFF DATE JNL DESC REF 1 REF 2 REF 3	ACCOUNT DESC LINE DESC	T	OB	DEBIT	CREDIT
2012 12 400					
APP 001-213000	GENERAL - ACCOUNTS PAYABLE			300.00	
12/31/2012 TA123112 123112	AP CASH DISBURSEMENTS JOURNAL				
APP 013-111100	ADV TRAVEL - CASH				300.00
12/31/2012 TA123112 123112	AP CASH DISBURSEMENTS JOURNAL				
	JOURNAL 2012/12/400 TOTAL			300.00	300.00

JOURNAL ENTRIES TO BE CREATED

FUND / ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
001 GENERAL FUND	2012 12	400	12/31/2012			
001-213000				GENERAL - ACCOUNTS PAYABLE	300.00	
013-111100				ADV TRAVEL - CASH		300.00
				FUND TOTAL	300.00	300.00

** END OF REPORT - Generated by Linda Steinberg **

PAYROLL

VOIDED PAYROLL CHECKS, DEC 2012
PAYROLL CHECK RUN: 1 - 4 - 2013

Run Type	Run Date	Check # Sequence	Comments	Amount
VOID	12/14/2012	106020 - 106024	Retro Payroll - voided checks	(1,582.68)
VOID	12/20/2012	106031 - 106032	Retro Payroll - voided checks	(270.97)
Normal	1/4/2013	026845 - 026955	P/R check run - Direct Deposit	225,405.42
Normal	1/4/2013	106045 - 106047	P/R check run - Regular	5,777.29
Vendor	1/4/2013	106048 - 106061	P/R Vendor check run	222,041.98
EFTPS	1/4/2013		Federal Tax Electronic Transfer	93,512.70
			TOTAL:	**544,883.74**

Prepared and Reviewed by: Aimee Lively Date 1.3.13

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein and that the claim is a just, due and unpaid obligation against the City of Bainbridge Island, and that I am authorized to authenticate and certify to said claim.

Karl R. Shaw Date 1-3-2013

Karl R Shaw, Accounting Manager

REGULAR CITY COUNCIL STUDY SESSION
DECEMBER 5, 2012

ITEMS DISCUSSED

1. EXECUTIVE SESSION: PROPERTY DISPOSITION (RCW 42.30.110(1)(c)) AND COLLECTIVE BARGAINING NEGOTIATIONS, ISSUES OR PROCEEDINGS (RCW 42.30.140)
2. CALL TO ORDER / ROLL CALL
3. ACCEPTANCE OR MODIFICATION OF AGENDA / CONFLICT OF INTEREST DISCLOSURE
4. STAFF INTENSIVE
   A. UPDATE ON PLASTIC BAG BAN PUBLIC OUTREACH – PLANNING
   B. HIDDEN COVE ROAD END SETTLEMENT AGREEMENTS – EXECUTIVE
5. RECESS
6. SWEARING IN CEREMONY
7. STAFF INTENSIVE (CONTINUED)
   C. ORDINANCE NO. 2012-20 RELATING TO BUSINESS AND OCCUPATION TAXES, AB 12-127 – FINANCE
   D. CONSIDER STIPULATING FLOOR AREA RATIO FUNDS AS A RESTRICTED FUND – FINANCE
   E. AGREEMENT BETWEEN THE CITY OF BAINBRIDGE ISLAND AND THE INTERNATIONAL ASSOCIATION OF MACHINISTS AND AEROSPACE WORKERS DISTRICT LODGE 160 (IAM) – EXECUTIVE
8. COUNCIL DISCUSSION
   A. WATER QUALITY AND FLOW MONITORING
9. ORDINANCES / 3RD READING
   A. ORDINANCE NO. 2012-15, 2013-2015 SIX-YEAR CAPITAL FACILITIES PLAN, AB 12-114 – FINANCE
   B. ORDINANCE NO. 2012-18, APPROVING THE 2013 BUDGET AND ENDORSING THE 2014 BUDGET, AB 12-106 – FINANCE
10. REVIEW OF UPCOMING COUNCIL MEETING AGENDAS
11. FOR THE GOOD OF THE ORDER
12. ADJOURNMENT

1. CALL TO ORDER / EXECUTIVE SESSION: PROPERTY DISPOSITION (RCW 42.30.110(1)(c)) AND COLLECTIVE BARGAINING NEGOTIATIONS, ISSUES AND PROCEEDINGS (RCW 42.30.140).

At 5:30 pm, Mayor Pro Tem Hytopoulos called the meeting to order and immediately adjourned the meeting to executive session with legal counsel to discuss property disposition and collective bargaining negotiations, issues and proceedings. The recording system was turned off and the door to Council Chambers was posted. At 6:01 pm, Mayor Lester extended the executive session by 15 minutes. Mayor Pro Tem Hytopoulos re-convened the meeting at 6:22 pm and stated that no action was taken.

2. ROLL CALL. 6:22:00 PM

A quorum was present consisting of Councilmembers Blair, Blossom, Bonkowski, Hytopoulos, Ward and Mayor Lester. Councilmember Scales arrived during the executive session. Deputy City Clerk/Paralegal Brown monitored the recording of the meeting and prepared the minutes.

3. ACCEPTANCE OR MODIFICATION OF AGENDA / CONFLICT OF INTEREST DISCLOSURE.

MOTION: *I move that we accept the agenda.*
BONKOWSKI/BLAIR *– The motion carried unanimously, 7-0.* 6:23:19 PM

There were no conflict of interest disclosures.

4. STAFF INTENSIVE.

A. UPDATE ON PLASTIC BAG BAN PUBLIC OUTREACH – PLANNING. 6:23:28 PM

Code Enforcement Officer McKnight gave a brief update on the outreach program for the plastic bag ban.

5. RECESS.

At 6:27:54 PM, Mayor Pro Tem Hytopoulos recessed the meeting for approximately one hour for the meeting of the

Transportation Benefit District Board. Mayor Pro Tem Hytopoulos re-convened the meeting at 7:06:25 PM.

4. STAFF INTENSIVE (CONTINUED).

B. HIDDEN COVE ROAD END SETTLEMENT AGREEMENTS – EXECUTIVE. 7:06:40 PM Interim City Attorney Patton summarized the history of the Hidden Cove road end and the proposed settlement.

> ***MOTION:*** *I move that the City Council approve the Settlement Agreement substantially in the form attached relating to the Hidden Cove road end and authorize the City Manager and Interim City Attorney to execute them.*
>
> ***BONKOWSKI/LESTER*** *– The motion passed unanimously, 7-0.* 7:22:55 PM

6. SWEARING IN CEREMONY. 7:24:08 PM

Interim Public Safety Director introduced Officer Gary Koon. Municipal Court Judge Carruthers swore in Police Officer Gary Koon.

7. STAFF INTENSIVE (CONTINUED)

C. ORDINANCE NO. 2012-20 RELATING TO BUSINESS AND OCCUPATION TAXES, AB 12-127 FINANCE. 7:28:18 PM Finance Director Schroer introduced the ordinance. Councilmember Bonkowski asked staff to summarize the changes between the current and proposed provisions for the next reading, and Mayor Lester asked staff to provide a link to the Association of Washington Cities' explanation on their web site.

> ***MOTION:*** *I move that the City Council schedule Ordinance No. 2012-20 relating to business and occupation tax for 2nd reading on December 12, 2012.*
>
> ***LESTER/BONKOWSKI*** *– The motion carried unanimously, 7-0.* 7:31:39 PM

D. CONSIDER STIPULATING FLOOR AREA RATIO FUNDS AS A RESTRICTED FUND – FINANCE. 7:31:44 PM Finance Director Schroer explained how Floor Area Ratio (FAR) funds are recorded in two funds with 60% for preservation of agricultural lands and 40% for construction of public amenities. She said the FAR money is currently in a designated fund. She explained the differences between a designated and restricted fund. Council discussed the issue.

7:38:38 PM Christy Carr, Board member of Friends of the Farms, expressed support for restricting the funds for agricultural purposes.

> ***MOTION:*** *I move that the existing FAR designated funds become restricted and that all future FAR funds also be restricted and that the existing designation for the FAR funds split between agriculture and public amenities be retained.*
>
> ***BONKOWSKI/BLOSSOM*** *– The motion carried 6-0 with Mayor Lester recusing herself.*

E. AGREEMENT BETWEEN THE CITY OF BAINBRIDGE ISLAND AND THE INTERNATIONALASSOCIATION OF MACHINISTS AND AEROSPACE WORKERS DISTRICT LODGE 160 (IAM) – EXECUTIVE. 7:43:43 PM City Manager Schulze said the item was previously tabled and asked if Council would like to remove it from the table. On motion by Councilmember Bonkowski with a second by Councilmember Ward, the item was removed from the table with a unanimous vote. 7:44:28 PM City Manager Schulze introduced the contract.

> ***MOTION:*** *I move that the City Council approve the collective bargaining agreement with the IAM for the period covering January 1, 2012 through December 31, 2014, and authorize the City Manager to sign it.*
>
> ***BONKOWSKI/LESTER*** *– The motion carried unanimously, 7-0.* 7:46:44 PM

8. COUNCIL DISCUSSION

A. WATER QUALITY AND FLOW MONITORING. 7:46:51 PM Councilmember Ward introduced the topic. He said he had researched flow monitoring with the assistance of interested citizens and found it is not required by the state. He said Kitsap County shares the cost for flow monitoring with the Kitsap Public Utilities District (KPUD).

> ***MOTION:*** *I move that we direct the City Manager put together an interlocal agreement with Kitsap Public Utilities District for flow monitoring for the 2 streams we are currently monitoring and for the City Manager to bring this interlocal agreement back to us for approval. 7:48 PM*
> ***WARD/BONKOWSKI*** *– The motion was restated.*

Councilmember Blair noted that the current contract covers 16 streams, and it appears that the KPUD program has a different scope. Councilmember Ward said that the Cardno TEC contract covers flow monitoring on two streams.

> ***AMENDMENT:*** *I would like to amend the motion that it include the City Manager verifying that the work for flow monitoring that was included in the primary motion be consistent with the existing contract.*
> ***BONKOWSKI/LESTER*** *– The amendment was incorporated in the restated motion.* 7:52:59 PM

Council discussed the scope of work and staff input.

8:01:37 PM Randall Samstag said the Cardno TEC contract is an on-call contract and includes both sampling support for water quality monitoring and support for flow monitoring. He said they help when needed in coordinating City volunteers.

Deputy City Manager Smith summarized the history of the contract this past year. She said the last direction from Council was to ask staff to prepare a request for qualifications for the contract.

Councilmember Ward stated that funding should come from the General Fund rather than the Storm and Surface Water Management fund. 8:11:35 PM

Mayor Pro Tem Hytopoulos asked Councilmember Ward to re-state the motion and incorporate Councilmember Bonkowski's amendment.

> ***MOTION:*** *I move that we direct the City Manager put together an interlocal agreement with Kitsap Public Utilities District for flow monitoring for the 2 streams we are currently monitoring and bring back to us a recommendation, a draft ILA and a comparison to ensure that the service we are looking at from the Kitsap KPUD is an apples to apples comparison to the service we are currently getting.* 8:15:15 PM
> ***WARD/LESTER*** *– The motion carried 4-3, with Councilmembers Scales, Hytopoulos and Blair voting against.*

Cou ncilmember Scales asked the chair to rule the motion out of order since it is contrary to Council's prior direction to staff. Mayor Pro Tem Hytopoulos ruled that it could go forward. Council briefly discussed the funding for the contract.

9. ORDINANCES / 3RD READING

A. ORDINANCE NO. 2012-15, 2013-2015 SIX-YEAR CAPITAL FACILITIES PLAN, AB 12-114 – FINANCE. 8:19:37 PM Finance Director Schroer summarized the budget process to date. She said that Council has approved one budget motion relating to modifying the Capital Facilities Plan to fund non-motorized projects. Mayor Lester noted that the motion approved by Council also asked that the Non-Motorized Transportation Committee prioritize the projects.

B. ORDINANCE NO. 2012-18, APPROVING THE 2013 BUDGET AND ENDORSING THE 2014 BUDGET, AB 12-106 – FINANCE. Finance Director Schroer summarized the City Manager's recommendations for funding the items

previously described by Council and additional revenue recommendations to evaluate in the first quarter of 2013. She explained that Council could approve the budget as presented or bring forward motions to modify the budget which staff would then incorporate into a revised ordinance.

> ***MOTION:*** *I move that on the fleet and equipment CIP for 2013 that auxiliary equipment, one pick-up truck and two police vehicles be eliminated to the tune of $221,000.* 8:27:58 PM
> ***BONKOWSKI/LESTER*** *– The motion carried 5-2 with Councilmembers Scales and Hytopoulos voting against.*

Council discussed the motion and the budget process. Councilmember Scales asked the City Manager to advise Council on the impacts of their budget motions.

> ***MOTION:*** *I move to remove the cost of replacing Waterfront Park stairs, reducing the budget by $14,000.*
> ***LESTER/BONKOWSKI*** *– The motion carried unanimously, 7-0.* 8:42:34 PM

> ***MOTION:*** *I move that we make it a policy to match by a level of three dollars to one dollar the money we put into the road fund with the money that is provided by the Transportation Benefit District.* 8:43:02 PM
> ***WARD/BLAIR*** *– The motion was withdrawn.* 8:52 PM

Council discussed the motion. Councilmember Scales asked the chair to rule this motion out of order since it does not change the budget. Councilmember Bonkowski suggested it be discussed further in connection with the 2014 budget at the City Council retreat in January.

> ***MOTION:*** *I move that we include $25,000 in the 2013 and 2014 budget for trails and that would be achieved by reducing the Public Works equipment funding by $54,000 and that information and those numbers are in support of the City Manager's recommendation.*
> ***BLAIR/LESTER*** *– The motion carried unanimously, 7- 0.* 8:53 PM

> ***MOTION:*** *I move that we recommend that we follow the City Manager's suggestion, and supporting what we had said as a Council initially, that I would like to add $25,000 to the budget in 2013 and $25,000 to the budget in 2014 for economic development, and those funds have been recommended, and I agree with them, to eliminate the contract surveying for $20,000 in 2013, and we have talked about the Waterfront stairs and that has happened and was approved, and the same in 2014, the elimination of the contract surveying.*
> ***BLAIR/BONKOWSKI*** *– The motion carried unanimously, 7-0.* 8:54 PM

> ***MOTION:*** *I move that we allocate, and I am open to the amount, some portion of the $25,000 to the Downtown Business Association and the remainder to a planning effort to determine how we will continue economic development funding in subsequent years. The suggested amount is $15,000 with $10,000 remaining for planning efforts for other economic development. 8:55 PM*
> ***HYTOPOULOS/LESTER*** *– The motion failed 4-3 with Councilmembers Hytopoulos, Ward and Mayor Lester voting in favor.* 9:04 PM

Finance Director Schroer clarified that $2,550 is currently allocated in the 2013 budget to the Kitsap Economic Development Alliance. Council discussed the motion.

> ***MOTION:*** *I move that we eliminate $100,000 from litigation and target that for technology investment.*
> ***BONKOWSKI/BLAIR*** *– The motion, as amended by the friendly amendment, carried unanimously, 7-0.* 9:11:18 PM

> ***FRIENDLY AMENDMENT:*** *I propose that we amend the motion to increase the contingency fund by $100,000 a year and any requests that the City Manager has, if he has technology investments, that he come*

and make requests from the contingency fund.
SCALES/BLAIR

MOTION: *I move that we add $192,000 to the 2013 roads preservation fund.*
BONKOWSKI/WARD *– The motion carried unanimously, 7-0.* 9:15:37 PM

10. REVIEW OF UPCOMING COUNCIL MEETING AGENDAS. 9:18:47 PM

Deputy City Manager Smith reviewed the December 12, 2012 agenda and the long-range calendar. Mayor Lester requested the addition of an update on the Mayor's transportation meeting on January 9, 2013. Council scheduled the retreat for January 6, 2013 at Bloedel Reserve.

11. FOR THE GOOD OF THE ORDER. 9:27:18 PM

Mayor Lester announced topics of local interest and upcoming events.

12. ADJOURNMENT. The meeting adjourned at 9:30:06 PM.

Mayor

Christine Brown, Deputy City Clerk/Paralegal

REGULAR CITY COUNCIL BUSINESS MEETING
DECEMBER 12, 2012

ITEMS DISCUSSED

1. CALL TO ORDER / ROLL CALL / PLEDGE OF ALLEGIANCE
2. ACCEPTANCE OR MODIFICATION OF AGENDA / CONFLICT OF INTEREST DISCLOSURE
3. PUBLIC COMMENT
4. ORDINANCES / 2ND READING
   A. ORDINANCE NO. 2012-21, ELIMINATING THE AUTOMATIC FEE ADJUSTMENT OF THE CITY'S WATER UTILITY RATES FOR 2013, AB 12-128 – FINANCE
   B. ORDINANCE NO. 2012-22, ELIMINATING THE AUTOMATIC FEE ADJUSTMENT OF THE CITY'S SEWER UTILITY RATES FOR 2013, AB 12-129 – FINANCE
   C. ORDINANCE NO. 2012-23, ELIMINATING THE AUTOMATIC FEE ADJUSTMENT OF THE CITY'S STORM AND SURFACE WATER UTILITY RATES FOR 2013, AB 12-130 – FINANCE
   D. ORDINANCE NO. 2012-24, 2012 BUDGET ADJUSTMENTS, AB 12-030 – FINANCE
5. CITY BUSINESS
   A. PROFESSIONAL SERVICES AGREEMENT FOR SEWER GENERAL SYSTEM PLAN UPDATE, AB 12-018 – PUBLIC WORKS
   B. SAKAI CROSSWALK UPDATE – PUBLIC WORKS
6. COUNCIL DISCUSSION
   A. LODGING TAX ADVISORY COMMITTEE AWARD RECOMMENDATIONS FOR 2013, AB 12-140 – AD HOC COMMITTEE
   B. PLANNING COMMISSION APPOINTMENTS, AB 12-008
7. UNFINISHED BUSINESS
   A. ORDINANCE NO. 2012-15, 2013-2018 SIX-YEAR CAPITAL FACILITIES PLAN, AB 12-114
   B. ORDINANCE NO. 2012-18, APPROVING THE 2013 AND ENDORSING THE 2014 BUDGET, AB 12-106
8. CONSENT AGENDA
   A. ACCOUNTS PAYABLE VOUCHER AND PAYROLL
   B. RESCHEDULED REGULAR STUDY SESSION MEETING MINUTES, NOVEMBER 19, 2012
   C. REGULAR BUSINESS MEETING MINUTES, NOVEMBER 28, 2012
   D. SERVICE CONTRACT WITH BREMERTON KITSAP ACCESS TELEVISION (BKAT) – EXECUTIVE
   E. ANNUAL CONTRACT FOR CIVIL LEGAL SERVICES WITH KITSAP COUNTY PROSECUTOR'S OFFICE – EXECUTIVE
   F. ANNUAL CONTRACT FOR PROSECUTION SERVICES WITH KITSAP COUNTY PROSECUTOR'S OFFICE – EXECUTIVE
   G. AMENDMENT TO STATE PURCHASING CONTRACT WITH WASHINGTON DEPARTMENT OF GENERAL ADMINISTRATION – EXECUTIVE
   H. ANNUAL RANGE AND FIREARMS TRAINING LICENSING AGREEMENT WITH CITY OF BREMERTON – POLICE
   I. RESOLUTION NO. 2012-13, AMENDING THE CAFETERIA PLAN FOR CITY EMPLOYEES – EXECUTIVE
9. REVIEW OF UPCOMING COUNCIL MEETING AGENDAS
10. FOR THE GOOD OF THE ORDER
11. ADJOURNMENT

1. CALL TO ORDER / ROLL CALL / PLEDGE OF ALLEGIANCE 7:01:04 PM

Mayor Pro Tem Hytopoulos called the meeting to order at 7:01 pm. A quorum was present consisting of Councilmembers Blair, Blossom, Bonkowski, Ward, and Mayor Pro Tem Hytopoulos. Councilmember Scales arrived at 7:28 pm. Mayor Lester was absent and excused. City Clerk Lassoff monitored the recording of the meeting and prepared the minutes. Everyone stood for the Pledge of Allegiance.

2. ACCEPTANCE OR MODIFICATION OF AGENDA / CONFLICT OF INTEREST 7:01:56 PM

MOTION: *I move we approve the agenda.*
BONKOWSKI/WARD *– The motion carried unanimously, 5-0.*

Councilmember Blair indicated there would be a brief discussion regarding conflicts of interest during the LTAC agenda item.

3. PUBLIC COMMENT

7:02:40 PM Gary Tripp commented on the City's budget and the allocation of employee costs to the utility funds.

7:06:05 PM Claes Hagstromer, Bainbridge Island Downtown Association member, hoped funding would be increased to $20,000 and gave examples of how it would be an investment.

7:10:09 PM Bill Knobloch, 747 Azalea Avenue, commented on delivery of essential services and a leaner City government.

7:14:05 PM Patti Dusbabek shared her concern regarding the lodging tax advisory committee's funding recommendations.

7:16:25 PM Bonnie McBryan, 291 Madison Avenue North, requested full funding be restored to professional tourism organizations such as the Bainbridge Island Lodging Association, Kitsap Peninsula Visitor and Convention Bureau and Bainbridge Island Downtown Association.

7:18:55 PM Gigi Leach, 896 NE Vineland Lane, noted she was here on behalf of the Interfaith Council.

4. ORDINANCES / 2ND READING

A. ORDINANCE NO. 2012-21, ELIMINATING THE AUTOMATIC FEE ADJUSTMENT OF THE CITY'S WATER UTILITY RATES FOR 2013, AB 12-128 – FINANCE 7:19:30 PM

Finance Director Schroer introduced the ordinances.

MOTION: *I move the City Council approve Ordinance No. 2012-21 eliminating the automatic annual fee adjustment to the water utility rates for 2013.*

BONKOWSKI/WARD *– The motion carried, 5-0.*

B. ORDINANCE NO. 2012-22, ELIMINATING THE AUTOMATIC FEE ADJUSTMENT OF THE CITY'S SEWER UTILITY RATES FOR 2013, AB 12-129 – FINANCE 7:20:13 PM

MOTION: *I move that the City Council approve Ordinance No. 2012-22 eliminating the automatic annual fee adjustment to sewer utility rates in 2013 and removing any incorrect date references.*

BLAIR/BONKOWSKI *– The motion carried, 5-0.*

C. ORDINANCE NO. 2012-23, ELIMINATING THE AUTOMATIC FEE ADJUSTMENT OF THE CITY'S STORM AND SURFACE WATER UTILITY RATES FOR 2013, AB 12-130 – FINANCE 7:21:11 PM

MOTION: *I move that the City Council approve Ordinance No. 2012-23 eliminating automatic annual fee adjustment to the City's storm and surface water utility for 2013.*

WARD/BLAIR*– The motion carried, 5-0.*

D. ORDINANCE NO. 2012-24, 2012 BUDGET ADJUSTMENTS, AB 12-030 – FINANCE 7:21:50 PM

MOTION: *I move that we approve Ordinance 2012-24 and the budget adjustments or amending the 2012 budget as presented.*

BLAIR/BONKOWSKI *– The motion carried, 5-0.*

5. CITY BUSINESS

A. PROFESSIONAL SERVICES AGREEMENT FOR SEWER GENERAL SYSTEM PLAN UPDATE, AB 12-018 – PUBLIC WORKS 7:22:47 PM

Public Works Director Newkirk explained on November 19, the City Council asked administration to renegotiate the professional services agreement with Carollo Engineers to eliminate mapping and surveying services from the scope of work. He gave a brief PowerPoint© presentation illustrating the reduction in project costs. Following brief questions and comments regarding management reserves and what may be lost if the optional work was removed, a motion was made.

7:30:55 PM ***MOTION:*** *I move that the City Council approve the award to Carollo Engineers in the amount of $274,961 for the General Sewer Plan update and authorize the City Manager to execute that Agreement.*
BLAIR/BONKOWSKI *– The motion carried, 6-0.*

B. SAKAI CROSSWALK UPDATE – PUBLIC WORKS 7:31:19 PM

Public Works Director Newkirk gave a PowerPoint© presentation showing factors influencing the selection of the site 2 located at the Coppertop Loop Business Park. He said that following an invitation to bid, the project came in at $27,980. He added the bid included allowances to bring the Northtown Woods crosswalk into compliance with ADA standards. He indicated that the City is currently in negotiations with the business park property owner for a dedicated easement for the paved pathway, that Intolight (a PSE subsidiary) would be installing a cobra head light at no cost to the City, and that the school district has agreed to pay the monthly electric bill. He explained on November 28, the City Council approved $10,000 for the crosswalk project. He noted two issues needing to be reconciled before awarding a contract were closing the $18,000 funding gap and finalizing negotiations with the business park property owner.

7:40:39 PM City Councilmembers posed questions regarding potential tree removal, adding an additional extruded curb, status of easement dedication, installing public amenities and the grant application.

7:47:18 PM ***MOTION:*** *I would like to move that the Council authorize $18,000 out of probably the contingency fund… is that the right place to put it…to put this crosswalk in as soon as possible.*
BONKOWSKI/BLOSSOM *– The motion carried, 6-0.*

6. COUNCIL DISCUSSION

A. LODGING TAX ADVISORY COMMITTEE AWARD RECOMMENDATIONS FOR 2013, AB 12-140 – AD HOC COMMITTEE 7:48:23 PM

Councilmember Blair provided a brief history on the funding process. She explained that she and Councilmember Bonkowski recused themselves from presentations and discussions regarding the Bloedel Reserve and The Waypoint proposals respectfully due to possible conflicts of interest. She noted the project description for The Waypoint should be for wayfinding signs not lights.

Deputy City Manager Smith gave a PowerPoint© presentation providing historical funding revenue and award information since 2004. Councilmember Scales commented from a historical perspective as a former LTAC chair. He commented on creating a policy next year, funding of particular projects, and maybe using the funds for capital improvement projects rather than marketing expenses. Councilmember Blair agreed with previous comments, which underscored the need for advanced and collaborative work. Councilmember Bonkowski believed the angst seen in the community has been focused on the lack of funding for marketing organizations. Mayor Pro Tem Hytopoulos wanted to know which tourist-promoting items were and were not funded. Councilmember Bonkowski explained how the committee developed their funding recommendations. Councilmember Blair noted the applications were available online for anyone wanting to review them. City Councilmembers discussed adding economic development as a general topic to their retreat agenda.

8:19:34 PM ***MOTION:*** *I do move that the City Council approve the distribution of $107,888 in 2013 lodging tax or the Civic Improvement Funds as detailed in these recommendations from LTAC and would also ask that we waive the requirement that 50 percent of the funds go to capital expenditures although in this case it's possible to construe they do.*
BLAIR /SCALES *– The motion carried, 6-0.*

B. PLANNING COMMISSION APPOINTMENTS, AB 12-008

8:20:14 PM Mayor Pro Tem Hytopoulos suggested voting on the nominations as three separate motions. She explained that she was bringing this item forward on behalf of the committee as the Mayor Pro Tem and was not herself recommending the appointments.

8:21:12 PM ***MOTION:*** *I would move that we act on each of these recommendations individually.*
BLAIR/SCALES *– The motion failed, 3-3. Councilmembers Blair, Hytopoulos and Scales voted in favor and Councilmembers Blossom, Bonkowski, and Ward voted against.*

8:23:26 PM ***MOTION:*** *I move to confirm the reappointment of Maradel Gale.*
SCALES/HYTOPOULOS *– The motion was ruled out of order.*

8:24:32 PM ***MOTION:*** *I move that the City Council confirm the reappointment of Maradel Gale and the appointment of Scott Hicks and Debbie Vann to the Planning Commission.*
WARD/BLOSSOM

Following comments regarding the proposed nominations, the motion failed 3-3. Councilmembers Blossom, Bonkowski, and Ward voted in favor and Councilmembers Blair, Hytopoulos, and Scales voted against.

8:34:37 PM ***MOTION:*** *I move to confirm the reappointment of Maradel Gale.*
SCALES/BLAIR *– The motion carried, 6-0.*

8:35:02 PM ***MOTION:*** *I move the City Council confirm the appointment of Debbie Vann to the Planning Commission.*
BONKOWSKI/WARD *– The motion failed, 3-3. Councilmembers Blossom, Bonkowski, and Ward voted in favor and Councilmembers Blair, Hytopoulos, and Scales voted against.*

8:35:22 PM ***MOTION:*** *I move the City Council confirm the appointment of Scott Hicks to the Planning Commission.*
BONKOWSKI/WARD *– The motion carried, 4-2. Councilmembers Blossom, Bonkowski, Scales, and Ward voted in favor and Councilmembers Blair and Hytopoulos voted against.*

7. UNFINISHED BUSINESS

A. ORDINANCE NO. 2012-15, 2013-2018 SIX-YEAR CAPITAL FACILITIES PLAN, AB 12-114 8:35:47 PM Finance Director Schroer explained subsequent to the agenda packet being approved, a request was made to amend page 88 regarding non-motorized projects. She noted the substitution did not change 2013-2014 appropriations but did provide some additional information to future years related to non-motorized projects.

8:37:08 PM ***MOTION:*** *I move the City Council approve Ordinance No. 2012-15, adopting the 2013-2018 Six-Year Capital Facilities Plan as amended.*
BONKOWSKI/BLAIR *– The motion carried, 6-0.*

B. ORDINANCE NO. 2012-18, APPROVING THE 2013 AND ENDORSING THE 2014 BUDGET, AB 12-106 8:37:44 PM Finance Director Schroer explained the ordinance reflects City Council motions made last week.

8:38:09 PM ***MOTION:*** *And I move the City Council approve Ordinance No. 2012-18, adopting the 2013 Budget and endorsing the 2014 Budget.*
BLAIR/BONKOWSKI *– The motion carried, 6-0.*

Councilmember Blair thanked Finance Director Schroer for facilitating budget discussions.

8. CONSENT AGENDA 8:39:30 PM

A. ACCOUNTS PAYABLE VOUCHER AND PAYROLL
ACH/EFT Check Numbers 116 through 117 and Wire Transfers, Manual Check Numbers 331778 through 331782, Regular Check Numbers 331783 through 331861 for a total of $2,199,492.11. Payroll Direct Deposit Check Numbers 026541 through 026650, Regular Check Numbers 106001 through 106004, Vendor Check Numbers 106005 through 106018 and Federal Tax Electronic Transfer for a total of $535,880.13.

B. RESCHEDULED REGULAR STUDY SESSION MEETING MINUTES, NOVEMBER 19, 2012

C. REGULAR BUSINESS MEETING MINUTES, NOVEMBER 28, 2012

D. SERVICE CONTRACT WITH BREMERTON KITSAP ACCESS TELEVISION (BKAT) – EXECUTIVE

E. ANNUAL CONTRACT FOR CIVIL LEGAL SERVICES WITH KITSAP COUNTY PROSECUTOR'S OFFICE – EXECUTIVE

F. ANNUAL CONTRACT FOR PROSECUTION SERVICES WITH KITSAP COUNTY PROSECUTOR'S OFFICE – EXECUTIVE

G. AMENDMENT TO STATE PURCHASING CONTRACT WITH WASHINGTON DEPARTMENT OF GENERAL ADMINISTRATION – EXECUTIVE

H. ANNUAL RANGE AND FIREARMS TRAINING LICENSING AGREEMENT WITH CITY OF BREMERTON – POLICE

I. RESOLUTION NO. 2012-13, AMENDING THE CAFETERIA PLAN FOR CITY EMPLOYEES – EXECUTIVE

MOTION: *I move to approve to the Consent Agenda Item A. Accounts Payable Voucher and Payroll, Item B. Rescheduled Regular Study Session Meeting Minutes, November 19, 2012, Item C. Regular Business Meeting Minutes November 28, 2012, Item D. Service Contract with Bremerton Kitsap Access Television (BKAT), Item E. Annual Contract for Civil Legal Services with Kitsap County Prosecutor's Office, Item F. Annual Contract for Prosecution Services with Kitsap County Prosecutor's Office, Item G. Amendment to State Purchasing Contract with Washington Department of General Administration, Item H. Annual Range and Firearms Training Licensing Agreement with City of Bremerton and Item I. Resolution No. 2012-13, Amending the Cafeteria Plan for City Employees.*

SCALES/BLAIR *– The motion carried, 6-0.*

9. REVIEW OF UPCOMING COUNCIL MEETING AGENDAS 8:40:27 PM

Deputy City Manager Smith reviewed the December 19, 2012 study session agenda. Councilmember Blossom asked that a briefing be added to the January 9 agenda regarding the City's application to the Department of Health to extend the deadline for Water System Plan Update. Councilmember Ward requested 20 minutes be added for a UAC presentation on the water system proposals. Deputy City Manager Smith reviewed the long-range calendar. Following Mayor Pro Tem Hytopoulos' request for a conversation about conducting a more elaborate police study beyond accreditation, City Council decided to discuss the topic during future agenda items on December 19. Councilmember Bonkowski suggested including prior retreat agendas in next week's packet.

10. FOR THE GOOD OF THE ORDER 8:49:21 PM

There was a brief discussion regarding the seating configuration now that City Manager Schulze sits at the dais. City Manager Schulze indicated IT staff is working on microphone and monitor configurations. He added staff is also researching wireless microphones, which would more flexibility and allow use a table below rather than the dais.

Mayor ProTem Hytopoulos reminded everyone that City Council passed a proclamation last year against the transport of coal across the state. She indicated that she would be attending a public hearing tomorrow as a citizen and asked City Council if they were amiable to her commenting as a Councilmember if asked to speak.

Councilmember Bonkowski reported the Waterfront Community Center grand opening would be January 18, 2013 at 11:00 am.

11. ADJOURNMENT 8:58:26 PM

Mayor Pro Tem Hytopoulos adjourned the meeting at 8:58 pm.

_____
Debbi Lester, Mayor

_____
Rosalind D. Lassoff, City Clerk

REGULAR CITY COUNCIL STUDY SESSION
DECEMBER 19, 2012

ITEMS DISCUSSED

1. CALL TO ORDER / ROLL CALL
2. ACCEPTANCE OR MODIFICATION OF AGENDA / CONFLICT OF INTEREST DISCLOSURE
3. ORDINANCES/2ND READING: ORDINANCE NO. 2012-20, RELATING TO BUSINESS AND OCCUPATION TAXES, AB 12-127 – FINANCE
4. STAFF INTENSIVE
   A. RESOLUTION NO. 2012-14, STORM AND SURFACE WATER MANAGEMENT FUND REPAYMENT TO STREETS FUND, AB 12-138 – FINANCE
   B. TERMS AND ACCEPTANCE OF THE PUBLIC WORKS TRUST FUND LOAN / CONTRACT FOR EAGLE HARBOR SEWER BEACH MAINS REHABILITATION PROJECT PRE-DESIGN ACTIVITIES, AB 10-102 – PUBLIC WORKS
   C. APPLICATION TO THE DEPARTMENT OF HEALTH EXTENDING DEADLINE FOR WATER SYSTEM PLAN UPDATE – PUBLIC WORKS
   D. INTERLOCAL AGREEMENT WITH KITSAP REGIONAL COORDINATING COUNCIL, AB 12-139 – EXECUTIVE
   E. INTERLOCAL AGREEMENT WITH KITSAP COUNTY FOR COOPERATIVE SERVICES, AB 12-140 – EXECUTIVE
5. GUN CONTROL DISCUSSION [ADDED]
6. REVIEW OF UPCOMING COUNCIL MEETING AGENDAS
7. FOR THE GOOD OF THE ORDER
8. ADJOURNMENT

1. CALL TO ORDER / ROLL CALL.
Mayor Pro Tem Hytopoulos called the meeting to order at 5:31:13 PM. A quorum was present consisting of Councilmembers Blair, Blossom, Bonkowski, Hytopoulos and Ward. Mayor Lester and Councilmember Scales were absent and excused. Deputy City Clerk/Paralegal Brown monitored the recording of the meeting and prepared the minutes.

2. ACCEPTANCE OR MODIFICATION OF AGENDA / CONFLICT OF INTEREST DISCLOSURE. Mayor Pro Tem Hytopoulos requested the addition of a discussion about gun control.

> ***MOTION:*** *I move that we approve the agenda, as modified.*
> ***BONKOWSKI/BLAIR*** *- The motion carried unanimously, 5-0.* 5:32:43 PM

There were no conflicts of interest.

3. ORDINANCES/2ND READING: ORDINANCE NO. 2012-20, RELATING TO BUSINESS AND OCCUPATION TAXES, AB 12-127 – FINANCE. Finance Director Schroer noted that staff provided a comparison of the current and proposed ordinance language in the packet.

> ***MOTION:*** *I move that the City Council approve Ordinance No. 2012-20 relating to business and occupation tax.*
> ***BONKOWSKI/WARD****– The motion carried unanimously, 5-0.* 5:33:10 PM

4. STAFF INTENSIVE.

A. RESOLUTION NO. 2012-14, STORM AND SURFACE WATER MANAGEMENT FUND REPAYMENT TO STREETS FUND, AB 12-138 – FINANCE. 5:33:51 PM Finance Director Schroer introduced the resolution.

> ***MOTION:*** *I move that the City Council approve Resolution No. 2012-14 repayment of Storm and Surface Water Management fees from the SSWM Fund to the Streets Fund with the schedule repayment no later than December 31, 2013.*

BLAIR/BONKOWSKI*– The motion carried unanimously, 5-0.* 5:35:06 PM

B. TERMS AND ACCEPTANCE OF THE PUBLIC WORKS TRUST FUND LOAN / CONTRACT FOR EAGLE HARBOR SEWER BEACH MAINS REHABILITATION PROJECT PRE-DESIGN ACTIVITIES, AB 10-102 – PUBLIC WORKS. 5:35:12 PM Finance Director Schroer explained the financial details of the options for the loan interest rate and indicated the lowest cost option requires the highest local match. Council discussed the terms of the loan.

MOTION: *I move that the City Council accept the Construction Loan Agreement with the proviso that the match be 15% which would allow a one-half percent interest rate for the Eagle Harbor Sewer Beach Mains Rehabilitation project and authorize the City Manager to execute the Agreement.*
BONKOWSKI/WARD *– The motion carried unanimously, 5-0.* 5:44:31 PM

C. APPLICATION TO THE DEPARTMENT OF HEALTH EXTENDING DEADLINE FOR WATER SYSTEM PLAN UPDATE – PUBLIC WORKS. 5:44:34 PM Public Works Director Newkirk provided an update on the application to the Department of Health extending the deadline for the Water System Plan update. He summarized the policy decisions that will be part of the request and the technical and engineering requirements.

D. INTERLOCAL AGREEMENT WITH KITSAP REGIONAL COORDINATING COUNCIL, AB 12-139 – EXECUTIVE. 5:51:15 PM Deputy City Manager Smith introduced the Interlocal Agreement and summarized the amendments.

MOTION: *I move that the City Council approve the Interlocal Agreement with KRCC and authorize the City Manager to sign it.*
BLAIR/BONKOWSKI*– The motion carried unanimously, 5-0.* 5:52:33 PM

E. INTERLOCAL AGREEMENT WITH KITSAP COUNTY FOR COOPERATIVE SERVICES, AB 12-140 – EXECUTIVE. 5:52:41 PM Deputy City Manager Smith introduced the Interlocal Agreement that is the result of discussions about collaborative opportunities with Kitsap County. She said that the first cooperative item is the purchase of salt brine and asked Council to authorize the City Manager to sign future agreements within his signing authority.

MOTION: *I move that the City Council approve Interlocal Agreement KC-472-12 with Kitsap County and authorize the City Manager to sign it and future agreements within his signing authority associated with this Interlocal Agreement.*
WARD/BONKOWSKI*– The motion carried unanimously, 5-0.* 5:55:27 PM

5. GUN CONTROL DISCUSSION [ADDED]. 5:56:18 PM Mayor Pro Tem Hytopoulos proposed that Council pass a resolution in support of gun control to ask that state and national legislatures address the issue. Council discussed the proposal, and the consensus was not to pursue it.

6. REVIEW OF UPCOMING COUNCIL MEETING AGENDAS. 6:06:10 PM City Manager Schulze reviewed the January 6, 2013 retreat agenda. Councilmember Blair requested a discussion regarding the transfer and development of Waterfront Park. Council agreed to move the strategic goal discussion to 11:15 am with discussion on particular items to follow. Councilmember Blossom asked to add a discussion of committee structure (standing committees), and Council agreed that the topic will fall under the strategic goal discussion. Council agreed that the City Manager will address 2013 goals and workplan before the Council's afternoon discussion of their annual goals and workplan.

Deputy City Manager Smith went over the January 9, 2013 agenda. Council asked to add a summary of the Council retreat to the agenda.

Deputy City Manager Smith reviewed the long-range calendar. Council agreed to add a Waterfront Park discussion to the

January 16, 2013 agenda.

7. FOR THE GOOD OF THE ORDER. 6:20:53 PM Councilmember Blair noted that the Police Department is spending time around the schools this week. Council thanked Interim City Attorney Will Patton for his service to the City.

8. ADJOURNMENT.
The meeting adjourned at 6:25:09 PM.

_____
Mayor

_____
Christine Brown, Deputy City Clerk/Paralegal