



CITY OF MORRO BAY PUBLIC WORKS ADVISORY BOARD MEETING AGENDA

The City of Morro Bay is dedicated to the preservation and enhancement of the quality of life. The City shall be committed to this purpose and will provide a level of municipal service and safety consistent with and responsive to the needs of the public.

Wednesday, February 17, 2016
Veterans Memorial Building - 5:30 P.M.
209 Surf Street, Morro Bay, CA

Steven Shively, Vice-Chair Janith Goldman	Marlys McPherson, Chair Christopher Parker David Sozinho	Deborah Owen Stewart Skiff
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ESTABLISH QUORUM AND CALL TO ORDER
MOMENT OF SILENCE/PLEDGE OF ALLEGIANCE
ANNOUNCEMENTS
PRESENTATIONS – None

PUBLIC COMMENT PERIOD

Members of the audience wishing to address the Board on City business matters other than scheduled items may do so at this time. To increase the effectiveness of the Public Comment Period, the following rules shall be followed:

- When recognized by the Chair, please come forward to the podium and state your name and address for the record. Board meetings are audio and video recorded and this information is voluntary and desired for the preparation of minutes.
- Comments are to be limited to three minutes.
- All remarks shall be addressed to the Board, as a whole, and not to any individual member thereof.
- The Board respectfully requests that you refrain from making slanderous, profane or personal remarks against any elected official, commission and/or staff.
- Please refrain from public displays or outbursts such as unsolicited applause, comments or cheering.
- Any disruptive activities that substantially interfere with the ability of the Board to carry out its meeting will not be permitted and offenders will be requested to leave the meeting.
- Your participation in Board meetings is welcome and your courtesy will be appreciated.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Public Works Department at (805) 772-6262. Notification 24 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

A. CONSENT CALENDAR

- A-1 Approval of Minutes of January 20, 2016 Meeting
Recommendation: Approve minutes.

B. BUSINESS ITEMS

- B-1 Directors Report – Informational summary of current Public Works Activities
Recommendation: Information item, no action needed.

- B-2 Discussion of Solid Waste Collection in Public Areas
Recommendation: Review staff report and make comments to Staff as needed.

C. ADJOURNMENT

Adjourn to the Public Works Advisory Board meeting at the Veteran's Memorial Building, 209 Surf Street, on Wednesday, March 16, 2016 at 5:30 p.m.

This agenda is subject to amendment up to 72 hours prior to the date and time set for the meeting. Please refer to the agenda posted at the Public Works Department, 955 Shasta Avenue, for any revisions or call the department at 772-6262 for further information.

Materials related to an item on this Agenda are available for public inspection during normal business hours in the Public Works Department at 955 Shasta, City Hall at 595 Harbor, Mill's/ASAP at 495 Morro Bay Boulevard, or the Morro Bay Library at 695 Harbor, Morro Bay, CA 93442.

This agenda may be found on the Internet at: www.morrobayca.gov/pwab or you can subscribe to Notify Me for email notification when the Agenda is posted on the City's website. To subscribe, go to www.morrobayca.gov/notifyme and follow the instructions.

Materials related to an item on this agenda submitted to the Board after publication of the agenda packet are available for inspection at the Public Works Department during normal business hours or at the scheduled meeting.

MINUTES - PUBLIC WORKS ADVISORY BOARD (PWAB)
REGULAR MEETING – JANUARY 20, 2016
VETERAN’S MEMORIAL HALL – 5:30P.M.

PRESENT:	Marlys McPherson	Chair
	Steve Shively	Vice-Chair
	Chris Parker	Board Member
	David Sozinho	Board Member
	Deborah Owen	Board Member
	Janith Goldman	Board Member
	Stu Skiff	Board Member
STAFF:	Rob Livick	Public Works Director
	Janeen Burlingame	Management Analyst
	Kay Merrill	Administrative Utilities Technician

ESTABLISH QUORUM, CALL TO ORDER AND MOMENT OF SILENCE

The meeting was called to order at 5:35 p.m., a quorum was present and there was a moment of silence.

ANNOUNCEMENTS - None

PRESENTATIONS - None

PUBLIC COMMENT

The public comment period was opened, seeing none, the public comment period was closed.

A. CONSENT AGENDA

<https://youtu.be/AE4rMoL4bv0?t=1m30s>

A-1 Approval of Minutes from the PWAB Meeting of November 18, 2015

MOTION:

Steve Shively moved to approve Item A-1. The motion was seconded by David Sozinho and carried unanimously, 7-0.

B. OLD BUSINESS

B-1 Directors Report – Informational summary of current Public Works Activities

<https://youtu.be/AE4rMoL4bv0?t=1m48s>

The committee asked questions of the staff and commented on the current Public Works Activities Directors Report.

B-2 Discussion of Expanded Polystyrene Regulation – Continued From November 18, 2015 Meeting

<https://youtu.be/AE4rMoL4bv0?t=20m28s>

Janeen Burlingame presented the staff report.

The public comment period was opened.

Ric Deschler supports the ban of expanded polystyrene (EPS) products, however, he disagrees with the effective date of October 1, 2016 and stated a better effective date would be May 1st or May 15th of this year.

The public comment period was closed.

MOTION:

Steve Shively made a motion to recommend approval to the City Council on Item B-2 regarding the new ordinance for the expanded polystyrene regulation with the implementation date of May 1, 2016 and with a hardship exemption that does not require a percentage of cost and to be made subjective to the City Manager based on the business coming in and requesting said waiver. The motion was seconded by Deborah Owen and carried unanimously, 7-0.

C. ADJOURNMENT

The meeting adjourned at 6:32 p.m. to a regular PWAB meeting to be held on Wednesday, February 17, 2016 at 5:30 p.m. at the Veteran's Memorial Hall, 209 Surf Street, Morro Bay, California



AGENDA NO: B-1

MEETING DATE: February 17, 2016

Staff Report

TO: Public Works Advisory Board **DATE:** February 11, 2016
FROM: Rob Livick, PE/PLS – Public Works Director/City Engineer
SUBJECT: Director’s Report / Information Items

Please contact the individual staff members prior to the meeting, if possible, for more detailed information.

Notify Me: Sign up for Notify Me on the City’s Website www.morrobayca.gov/notifyme for notification of Council, Board’s and Commission’s agendas and minutes.

Service Requests: The City has a feature to the City’s website, Service Requests www.morrobayca.gov/905/Service-Requests, where citizens can report a concern to the City for predetermined issues without the need to phone the City during business hours (for example: reporting a pothole).

Staff can also add Service Requests for someone over the phone or in the office if they do not have access to a computer. Each category in Service Requests is assigned to the appropriate staff member to handle so citizens don't have to figure out what department to contact for an issue they need to report on.

BIKE COMMITTEE

Staff Contact: Rob Livick

The Morro Bay Citizens Bike Committee met in February 3, 2016 and the minutes from the meeting are attached.

COLLECTION SYSTEM CAPITAL PROJECTS – Collection System

Staff Contact: Bruce Keogh
Rick Sauerwein
Jarrod Whelan

- Renovation of Lift Station#1 (Near Cloisters Park) is scheduled to be complete by the end of the month.

CONSOLIDATED MAINTENANCE

Staff Contact: Mike Wilcox

Storm watch and the potential impact to City functionality and operations are at the forefront of all maintenance activities this winter. Staff was vigilant in their approach to storm drain clearing, berm repairs, and sand bag preparations and street tree hazard reduction this season. If at any point residence's feel that private or public property is in danger of, or has been the victim of storm damage, please call 911 immediately.

Cyclone like activity from our most recent large storm caused severe damage to over 2 dozen trees, resulting in the removal of 9 trees. Additional storm related damage included mud flows from private property above Juniper Street that extend into the City storm drain system and onto several streets between Elena and San Jacinto. Staff and Contractor's worked for the next 3 day cleaning up the majority of debris. Free firewood from the downed trees is available across the street from the City Corp. Yard at 170 Atascadero Rd.

Additional winter maintenance projects include the retro-fitting public urinals and toilets to ultra-low flow government standards, the installation of synthetic turf in key high water use, high maintenance locations, and the installation of a rain water harvesting system ant Centennial Parkway restrooms. All three projects are directed at water conservation, public education, and fiscal responsibility.

Street maintenance is not a big component of the winter schedule due to low temperatures and moisture. The City doesn't own a truck capable of keeping hot asphalt hot between the loading site and the City, and patch mix of any type doesn't stick to water. However, maintenance asks that the community continue to submit requests for pothole repairs and staff will continue with repairs when the weather cooperates.

Street & Sidewalk Maintenance, Fleet Maintenance, Street Tree, Street Lighting, Storm Drain and Creek, Facility Maintenance, and Park Maintenance are all part of the Public Works Department and no longer with the Recreation Department.

If you have maintenance requests please call 772-6261 or use the City's Service Requests online system on our website www.morrobayca.gov/905/Service-Requests. Upon receipt, the electronic requests will be reviewed and assigned to the appropriate staff for action. In the future, the City will be upgrading to a fully integrated maintenance work order system that will allow you to view the progress of your requests.

SIDEWALK INSTALLATION

Staff Contact: Rick Sauerwein

2016 CDBG ADA Accessibility project: The new 2016 grant application was submitted October 23. The City Council will review this item in December and the County Board of Supervisors after the first of the year. Funds are expected to be available by the end of Q2 2016 and expect approximately \$60K for installation of new sidewalk and curb ramps.

SOLID WASTE – Spring Clean Up Week

Staff Contact: Janeen Burlingame

Spring Clean Up Week is around the corner so start making plans now to clean up your garage, yard or house. The FREE clean up week will be held April 11-15. For more information, call Morro Bay Garbage at (805) 543-0875 or visit the City's website at <http://www.morro-bay.ca.us/springcleanup>.

Spring Clean Up week is a community service provided FREE to single family residential garbage customers in Morro Bay. You can place up to 2 cubic yards at the curb on your collection day to be picked up by Morro Bay Garbage for FREE. There will also be a discount price for bulky items that need to be collected.

STREET TREES – Urban Forest Management Plan

Staff Contact: Damaris Hanson

The City is currently in Nesting season from February 1st to July 1st no City right-of-way trees shall be trimmed or removed unless in the case of an emergency during nesting season.

Arbor Day was celebrated and 17 trees were planted on October 17, 2015.

Arbor First of Morro Bay was the successful low bidder at \$25,900 and completed trimming the 148 downtown trees.

STORM WATER – Storm Preparation

Staff Contact: Rick Sauerwein and Damaris Hanson

City maintenance staff has visited all priority City storm drains to clear and clean them in preparation of the upcoming months.

The City does not own any creek property except for those areas that fall within City parks or in the public right of way such as bridges and roads that cross creeks. If a large tree or debris were to get stuck at a bridge that we maintain then we would remove it, otherwise any other downed trees or vegetation is the responsibility of the property owner. The City does maintain the storm drain system i.e. curb inlets and outlets. As for the sections of the creeks that are on private property the City has performed "creek clearing" in the past, with property owner permission, waiver of liability and payment for the work performed. The City does not currently possess the necessary permits to perform such work. If a property owner wants to remove trees and debris from the portion of the creek that is on their property it is the property owners' responsibility to acquire the required permit from California Department of Fish and Wildlife and any other necessary agency.

STORM WATER

Staff Contact: Damaris Hanson

The Central Coast Waterboard sent a letter on January 25th requesting information in order to indicate completion of Phase II Municipal Stormwater Permit Requirements. Request included:

1. Drinking water system information regarding the NPDES permit for our Drinking water system
2. Outfall Map - along with the Catchment delineations
3. Any field sampling to detect illicit Discharges during the outfall investigation
4. Illicit discharge detection and elimination source investigations and corrective actions
5. Spill response plan
6. Construction site inventory
7. Storm Drain system assessment and prioritization
8. Chemical usage in landscape maintenance

The request was required to be submitted by February 29th all of these item were provided to the Waterboard on February 9th.

WATER – Chorro Stream Gauge

Staff Contact: Rick Sauerwein and Pamela Newman

Mitigated Negative Declaration has been completed and County Permitting is in progress. Continue to work with the San Luis Coastal Resource Conservation District and The USDA for permission to install gage on RCD property within the NRCS easement.

WATER – Nutmeg Tank Replacement

Staff Contact: Rick Sauerwein
Jarrod Whelan

No change in status: Mitigated Negative Declaration has been revised and County Permitting is in progress.

WATER – Operations

Staff Contact: Rob Livick
Jamie James
Damaris Hanson

Staff has selected MNS engineers to assist in developing our 2015 UWMP. The plan is tentatively scheduled to go to PWAB on May 18th.

The City's five person field crew in water division performed 523 work items during the month of December, which included Customer Service Requests, USA marking, Resetting Meter Boxes, Re-reading water meters water sampling and water service replacement or installations.

WATER – Water Conservation

Staff Contact: Damaris Hanson

Water conservation rebates available; Cash for grass, rain barrel, irrigation retrofit, SMART irrigation controller, toilet retrofit and Energy star washing machine.

State rebates now available for removing grass (up to \$2 per sq ft) and replacing a toilet that flushed more than 1.6 gallons per flush (\$100). Go to www.saveourwaterrebates.com

Current rebate to date:

Rain Barrels: 40 Participants and 4,336 gallons of stormwater capacity, \$2000 provided as rebates

Cash for Grass: 20 Participants and 13,152 sq. ft. of turf removed, \$7,132 provided in rebates

Smart Irrigation Controllers: 3 participants, \$300 provided in rebates

Irrigation retrofit: 1 participant, \$100 provided in rebates

Toilets: 86, \$8600 provided in rebates

Washing Machines: 34, \$3,400 provided in rebates

WASTEWATER – Collections

Staff Contact: Bruce Keogh, Dave Zevely & Jarrod Whelan

The City's five-person field crew in wastewater collections section performed 9,945 feet of sewer main cleaning, removed and replaced two manhole lids and concrete collars on Main Street at the highway 1 overpass, constructed an above ground hook up for wastewater pumping for emergencies and maintenance work at Lift Station 2 on Front Street, built a retaining wall to shield a manhole on a hillside, collected flowmeter data, installed another inline flowmeter for wastewater trend studies, conducted an industrial facility inspection, and assisted Consolidated Maintenance in storm drain cleaning. For the month of January, no sanitary sewer overflows were reported in City main lines and the Collection's crew responded to two private sewer lateral backups.

Also, the Collections and WWTP crews completed new confined space equipment training conducted by an industrial safety specialist.

WASTEWATER – Major Maintenance Repair Program (MMRP)

Staff Contact: Bruce Keogh, Rick Sauerwein & Jarrod Whelan

At the January 26, 2016 Meeting the City Council accepted staff's recommendation to transition from the MMRP to conducting plant maintenance from the operating budget at a level that will keep the plant running efficiently until the WRF is operational.

MMRP Budget

The City and District have funded approximately \$1.2M in MMRP related projects over the past three fiscal years (FY13/14, 14/15, and 15/16). Attached to this report is a table that provides the MMRP budget and actual expenditures for each of those fiscal years. Expenditures for MMRP projects to date have totaled \$1.226 million. The difference between fiscal year MMRP project budgets and expenditures is related to projects carrying over multiple fiscal years and budget being carried over fiscal year to fiscal year, as well as project budgets being reduced (chlorine contact improvement project) and projects being completed for less than estimated costs, in which case the difference stays in the sewer reserve fund. For example, the MMRP budget for FY13/14 contained \$500k for the purchase and installation of influent screens; the screening project was not completed until FY14/15, and the budget from FY13/14 was carried over to FY14/15 to cover project expenses.

Future MMRP Strategy

City, District, and MKN staff continually review the MMRP projects accomplished to date and assess the plant's condition and structural and equipment requirements to identify future potential maintenance projects to provide an estimate of spending for the MMRP for the next five years. Based on this review, City and District staff recommend the MMRP be phased out in the next fiscal year and that any future projects identified be funded through the O&M budget. This recommendation is based on the successful completion of MMRP projects to date, condition assessments of the plant, and the current schedule for completion of new WRF(s). As noted, the O&M budget will be brought to the Council and District Board during budget deliberations for discussion and approval. This will ensure the recommended O&M funding needs are brought forward each year. Should the five-year schedule be delayed for whatever reason, City and District staff would reconsider any recommendations for O&M or MMRP projects during the annual budget approval process.

The discussion of the MMRP with the goal of minimizing capital outlay at the current WWTP while balancing plant reliability and performance is important because the plant is subject to minimum mandatory penalties if they fail to meet NPDES permit requirements. It is also extremely important because the City and District strive to operate the plant to its maximum efficiency and performance levels to ensure water quality and public health and safety. The primary method of achieving these goals is to ensure the operational capability of the plant. For this reason, it is important to maintain the existing proactive O&M program while balancing the schedule with the development of the new WRF(s).

O&M Budget

For the past three fiscal years (including FY15/16), the O&M budget for the plant averaged \$304K, with a range of \$288K To \$335K. The five-year average O&M budget is \$259.9K, with a range of \$176K to \$335K. The five-year period has a higher range, representing the last three years of increased O&M project funding. These figures represent the majority of the O&M costs and were funded in the 5504 (machinery and equipment supplies) and 6601 (Outside equipment repair and maintenance) line items in the WWTP budget. Not all O&M is funded from these two projects but they cover the majority of the O&M budget.

O&M Strategy for Next Five Years

City and District staff will continue to develop and implement a proactive O&M program over the

next five years with the goal of balancing for O&M at the existing plant and maximizing capital for the new WRF. The O&M program will address both routine maintenance as well as potential situations that may arise from an emergency basis. The O&M program review will include the following issues:

Lack of Redundancy: It is important to note the lack of redundancy at both the secondary clarifier and chlorine contact tank. Most processes and equipment at the plant have redundancy in place, an example is the two primary clarifiers, one can be taken off line while work is performed and the plant can continue to function utilizing the other clarifier. Any major issues with the secondary clarifier or chlorine contact tank could result in short term effluent violations as there is no backup to support these tanks and their functions. Staff has developed a methodology to drain and work on these tanks in the short term (a matter of hours) but long term issues could be problematic.

Digester #3: At this point in time, City and District staff are recommending the cleaning of digester #3 be delayed a year or two. At this time, they are also recommending the digester not be reconditioned due to the potential for a large funding requirement for potential repairs to the floating dome. The cleaning process would be funded through the O&M component of the WWTP budget, and be brought to the Council and District for approval during the budget approval process.

Clarifier Drive Units: Drive units on the primary and secondary clarifiers are over ten years old and have exceeded their useful life. Staff will continue to consult with the manufacturer to ensure any maintenance procedures are implemented.

Outfall: The outfall will need to have an inspection of the entire outfall from land to the diffuser structure; this was last performed in 2011. It is a difficult and expensive process; the last inspection cost approximately \$100K. An annual inspection is conducted as a requirement of the NPDES permit, but it generally focuses on the diffuser end of the outfall, and the buoys marking the location of the outfall and the ground tackle for the buoys. As it appears that both the City and District will require future use of the outfall for some purpose, it is imperative the outfall be inspected and maintained on a regular basis. City and District staff agree the Facility Master Planning Process should be completed prior to the next internal inspection of the outfall.

WASTEWATER – NEW WRF

Staff Contact: Rob Livick

Additional information on the WRF project is available on the City's website (www.morrobay.ca.us/newwrf).

See attached presentation from Joint City Council and WRFCAC Meeting, February 9, 2016

Schedule

City Council to Update Site Recommendation

Bring to WRFCAC on March 1, then Council March 8

Once Site is selected—

Facility Master Plan (FMP) to be completed for preferred site

CEQA/NEPA Review will focus on preferred site

Schedule: Still on track for 2021 delivery

Upcoming WRF Meetings

Next WRFCAC Meeting on March 1, 2016 at 3:00 p.m. in the in the Vets Hall

Attachments: WRF Site Update Presentation, Bike Committee Minutes from February 3, 2016



Morro Bay

Citizens Bike Committee

Recreation and Parks Department
595 Harbor Street, Morro Bay CA 93442

Dedicated to the advocacy and creation of an efficient interconnected network of safe, scenic bikeways and community paths in the Morro Bay area.

“You can’t ride your bike and not smile.”

February 6, 2016

To: Recreation and Parks Commission
Recreation and Parks Department
Public Works Advisory Board

Citizens Bike Committee met February 3, 2016.

Committee welcomed Mr Rob Livick, City Engineer and Chief of Public Works for the City of Morro Bay.

Mr Davis reported that City Manager David Buckingham incorporated seven of the Committee’s listed Unmet Bike Needs into the City’s Objectives for this fiscal year and next:

- **Address tree root encroachment underneath the Class I multi-use trail from Main Street to the Cloisters** – Mr Livick reported that the trail will be closed between February 10-12, 2016, for a complete slurry seal and to dig out all the roots from affected sections.
- **Provide a safe way for westbound bicyclists on San Jacinto to approach Main Street from Alder and to cross Highway 1 without riding illegally against traffic or on the sidewalk** – Mr Livick will paint green bike lanes on both sides of San Jacinto from Cedar to Main. He will convert the right turn pocket between Alder and Main to a protected bike lane with a bike box in the crosswalk.
- **Place Bike Friendly Community Signs at City entrances** – Signs have been ordered and lost in transit. A search is on and they will be placed upon arrival.
- **Place a Bike Route wayfinding sign that directs southbound cyclists on Hwy 1 onto the City bike route that begins on Yerba Buena and proceeds south on Beachcomber and Sandalwood** – This will be done forthwith.
- **Provide more bike parking facilities at popular destinations** – This will be done beginning with next year’s budget, if approved by Council.
- **Provide traffic calming solutions on San Jacinto from Ironwood to Main Street to slow down motor vehicles** - This will be done beginning with next year’s budget, if approved by Council.
- **Paint Class II bike lanes on Atascadero Road from Morro Creek to the high school to connect to existing Class II and Class I bikeways, paint sharrows**

and place signs – Signs will be placed shortly; bike lane striping will require pavement repair.

Ms Petersen inquired about the northbound bike lane on Main Street approaching Quintana. Mr Livick considers this intersection to be a good candidate for a Dutch junction - http://www.huffingtonpost.com/entry/dutch-junction_us_56a0260be4b0d8cc1098b7b3

Mr Davis reported that the Amgen Tour of California will stage a start in Morro Bay on May 18, 2016. Racers will start at the Rock, proceed south on Embarcadero to Pacific, east to Main, thence north to Yerba Buena and Hwy 1 and on to Laguna Seca.

Mr Keller previously recommended that *Share the Road* signs be placed on Lower State Park Road in Morro Bay State Park. Mr Livick and Mr Davis met with Parks who agreed that the signs may be placed after their archaeologist clears the sites. Mr Livick has ordered and will place two signs at City expense.

Committee considered proposed angled parking locations on Main Street, Monterey and Morro Bay Boulevard. We have safety concerns about people backing out of spaces with limited sight distance. Consider also delivery truck parking in the center of the streets. Committee recommends three actions:

- **Experiment with temporary back-in parking on Market between Harbor and Pacific;**
- **Consider one-way streets with bike lanes installed between the sidewalks and the car parking stalls.**
- **Build protected bike parking corrals at the ends of each angled parking row.**

Mr Davis reported that he and Bill Regan operated a Bike Safety Table at the Merchants Street Fair November 29, 2015. The audience was not as lively as at the Emergency Car Show in May. That event has been canceled for 2016. Committee may consider setting up at the August Street Fair.

Ms Bonnie Johnson reported that the Bike Park is now out of debt and she continues to collect money for ongoing maintenance and operations. As an example, the *Handicapped Parking* sign and post were stolen Friday night and she must replace those. It was suggested that the Bike Safety Table might be set up at the Bike Park on a Saturday.

Ms Christine Johnson reported that she is working on recruiting someone to coordinate setting up the July 4th Bike Parade, beginning at noon at the new Morro Creek bike bridge. Mr Rands, Mr Esau and Mr Abrecht volunteered to assist. City has confirmed support for the parade, Bike Valet has put the event on their calendar and SLO Bike Club will pay for Bike Valet.

Mr Davis and Mr Abrecht reported on the Caltrans project to grind a rumble strip on Hwy 1 from San Luis Obispo to San Simeon. Caltrans has promised a six-inch wide strip underneath the fog line with a guaranteed bicycle riding width no less than five feet to the right of the fog line. A gap will be left approaching northbound Toro Creek Bridge so that riders can enter the motor vehicle lane to cross the bridge.

Mr John DiNunzio of SLOCOG staff sent a report from SLOCOG:

- Cycle 3 of Active Transportation Plan Call-for-Projects is still scheduled for late March 2016 with applications due in mid-June 2016.
- A revised 2016 Surface Transportation Improvement Program (STIP) Fund estimate indicates an (additional) reduction of \$7M in STIP funding for the San Luis Obispo County Region. This item will be discussed in more detail in the coming weeks as the funding program is adjusted through the next CTAC/TTAC and SLOCOG Board meetings in March 2016.
- Mr Davis noted that SLOCOG is investigating the possibility of placing a sales tax initiative on the November ballot to fund County transportation projects as well as local street repairs.

Mr Davis reported a meeting Thursday at 2:30 at the Senior Center to assess walking hazards in Morro Bay. Mr James Ramirez of the SLO County Health Department has invited our Lions club to participate in a walking audit of Morro Bay.

Mr Livick reported no word yet on the City's application for a Caltrans grant to fund an update of the City's Bike Plan.

Mr Davis recommended that Committee members look at a five minute youtube presentation on biking in Holland. <http://youtu.be/zq28fU2AuMU>

A brief synopsis -

- In 1971 Holland had 3,000 collision deaths per year, 400 of them children.
- In 1973 they declared car-free Sundays. Business sales increased. Demand grew to encourage bicycling and discourage motor driving.
 - By 2010 child deaths from traffic collisions had dropped to 14 as a result of the following:
 - Legislature adopted a **People First** philosophy.
 - Presumed liability law says that **the larger vehicle is always at fault.** This obliges every road user to look after the more vulnerable.
 - **All motorized traffic, turning left or right, must give way to bicycles.**
 - Results are that –
 - Cities are quieter, air is cleaner, business is booming.
 - 33% of all journeys in Utrecht are by bicycle. 50% of children ride bikes to school.
 - Less than 1% of Dutch bicyclists wear helmets but have the lowest incidence of head injuries in the world.

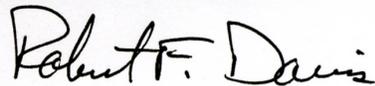
What really keeps cyclists safe are space, low speeds, supportive laws and a familiarity with riding from an early age.

There are no cyclists, just normal people wearing normal clothes doing normal things, people who dress for their destination, not for their journey.

Mr Davis will be out of town for the May 4 meeting of the Bike Committee and requested that someone volunteer to chair the meeting. A moment of silence ensued.

There being no further business, the meeting adjourned at 6:10 pm. Next Committee meeting will be either May 4 or August 3, 2016.

Respectfully submitted,



Robert Fuller Davis
Chair



City of Morro Bay
New Water Reclamation Facility Project
Updated Report on WRF Sites

City Council/WRFCAC Presentation
February 9, 2016

Presentation Overview

- Summarize Updated Site Selection Report
- Council and WRFCAC to Discuss/Refine Site Selection
- Program Management Budget Tracking
- Next Steps and Schedule Update

Previous City Council Direction

- Confirmed Goals for New WRF (Dec 2013)
- Established 5-Year Goal to be Operational (Feb 2014)
- Chose Three Preferred Sites for further study and refinement (Dec 2013)
 - Morro Valley (Site B)
 - Chorro Valley (Site C)
 - Giannini Property (Site G)
- Identified Morro Valley as overall preferred site (May 2014)
 - Identified Rancho Colina as preferred location for further analysis

May 2014 Study Sites

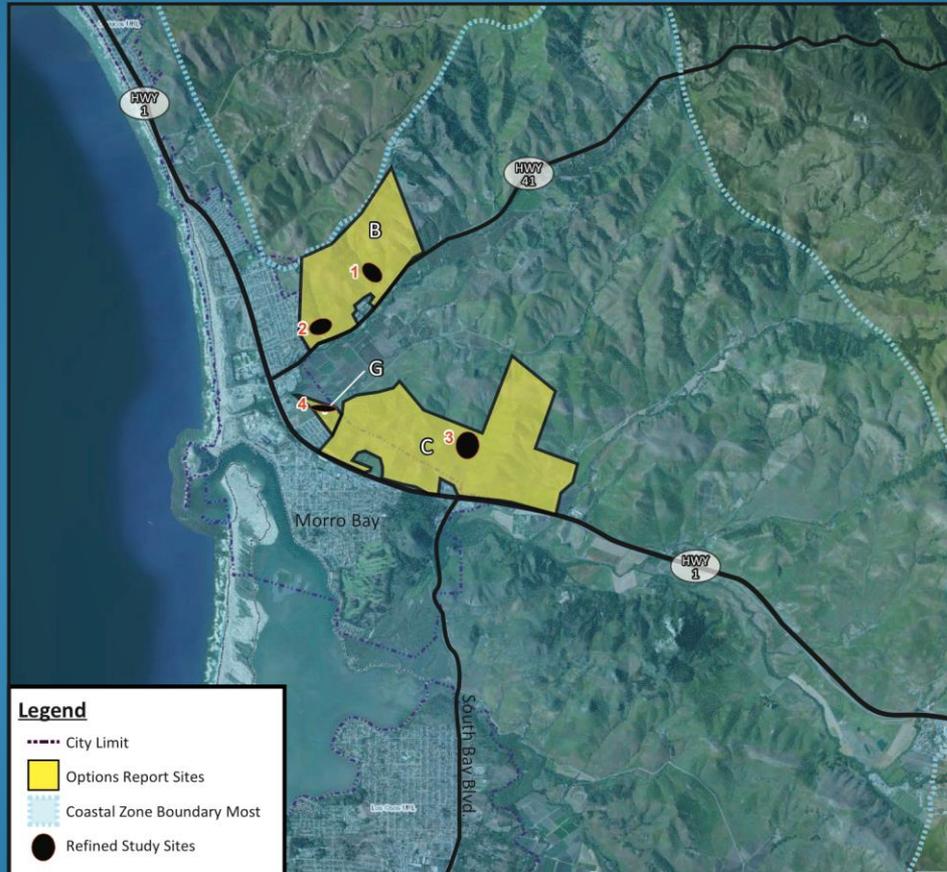


Figure 1: Council Recommended Sites



Note: Map data obtained from County Assessor's mapping database

0 0.4 0.8 mi



Study Sites Legend

- Site B (Morro Valley)
- Site C (Chorro Valley)
- Site G (Giannini)

Most Promising Locations

- Site 1 (Rancho Colina)
- Site 2 (Righetti)
- Site 3 (Tri-W)
- Site 4 (Giannini)

Site 1 – Rancho Colina

Overall Suitability: High *(May 2014 analysis)*

- Advantages
 - Very Receptive Property Owner
 - Opportunity to replace Old WWTP
 - Excellent Proximity to Reclamation
 - Previously Graded Site
 - Suitability as Regional Facility
 - Consistent with Coastal Policies
- Challenges
 - Distance up Highway 41 Could Affect Cost

Site 2 – Righetti

Overall Suitability: Moderate-High (*May 2014 analysis*)

- Advantages

- Proximity to Existing Infrastructure
- Good Proximity to Reclamation
- Suitability as Regional Facility
- Consistent with Coastal Policies

- Challenges

- Property Owner had not shown interest
- Proximity to Neighborhood
- Location is Partly in Jurisdictional Drainage

May 2014 Findings

- Both Sites are Suitable for a new WRF
- Rancho Colina ranked highest
- Key factors included:
 - Receptive Property Owner
 - Proximity to Reclamation Opportunities
 - Some of site is previously disturbed and graded
 - Can remove old WWTP (consistent with RWQCB desire)
- Righetti ranked a close second

Table 1. Summary of Morro Valley Site Analysis and Findings in May 2014 Report

Key Issue	Site	
	Rancho Colina	Righetti
	Site Suitability (<i>high, moderate or low</i>)	
Ownership and Unique Opportunities		
Cooperative Property Owner?	Very High	Unknown
Unique opportunities associated with the site?	High	Moderate
Environmental and Physical Site Issues		
Environmental/Coastal Issues?	High	Moderate-High
<i>Coastal Proximity and Access</i>	High	High
<i>Visual Impacts</i>	High	Low-Moderate
<i>Biological Resources/ESHA</i>	Moderate	Moderate
<i>Cultural Resources</i>	Moderate	Moderate
<i>Agriculture/Prime Soils</i>	High	High
<i>Minimize Carbon Footprint</i>	Moderate	High
Physical site constraints affecting design flexibility?	High	Moderate
Regulatory and Permitting Issues		
Unique regulatory or logistical constraints?	High	Moderate
Complex or unusual permitting requirements?	High	Moderate
Proximity Issues		
Nearby residential neighbors?	High	Moderate
Suitability as a regional facility?	High	High
Cost and Timing Issues		
Relative cost savings compared to the other sites?	Moderate	Moderate
<i>Proximity to existing infrastructure</i>	Moderate	High
<i>Proximity to reclamation opportunities</i>	High	High
<i>Site Elevation</i>	High	High
<i>Site Size and Configuration</i>	High	High
<i>Permitting Requirements</i>	High	Moderate
Ability to achieve a 5-Year timeframe?	High	Moderate
<i>Cooperative Property Owner</i>	Very High	Unknown
<i>Site Size and Configuration</i>	High	High
<i>Permitting Requirements</i>	High	Moderate
<i>Relatively Lower Costs</i>	Moderate	Moderate
OVERALL	High	Moderate-High

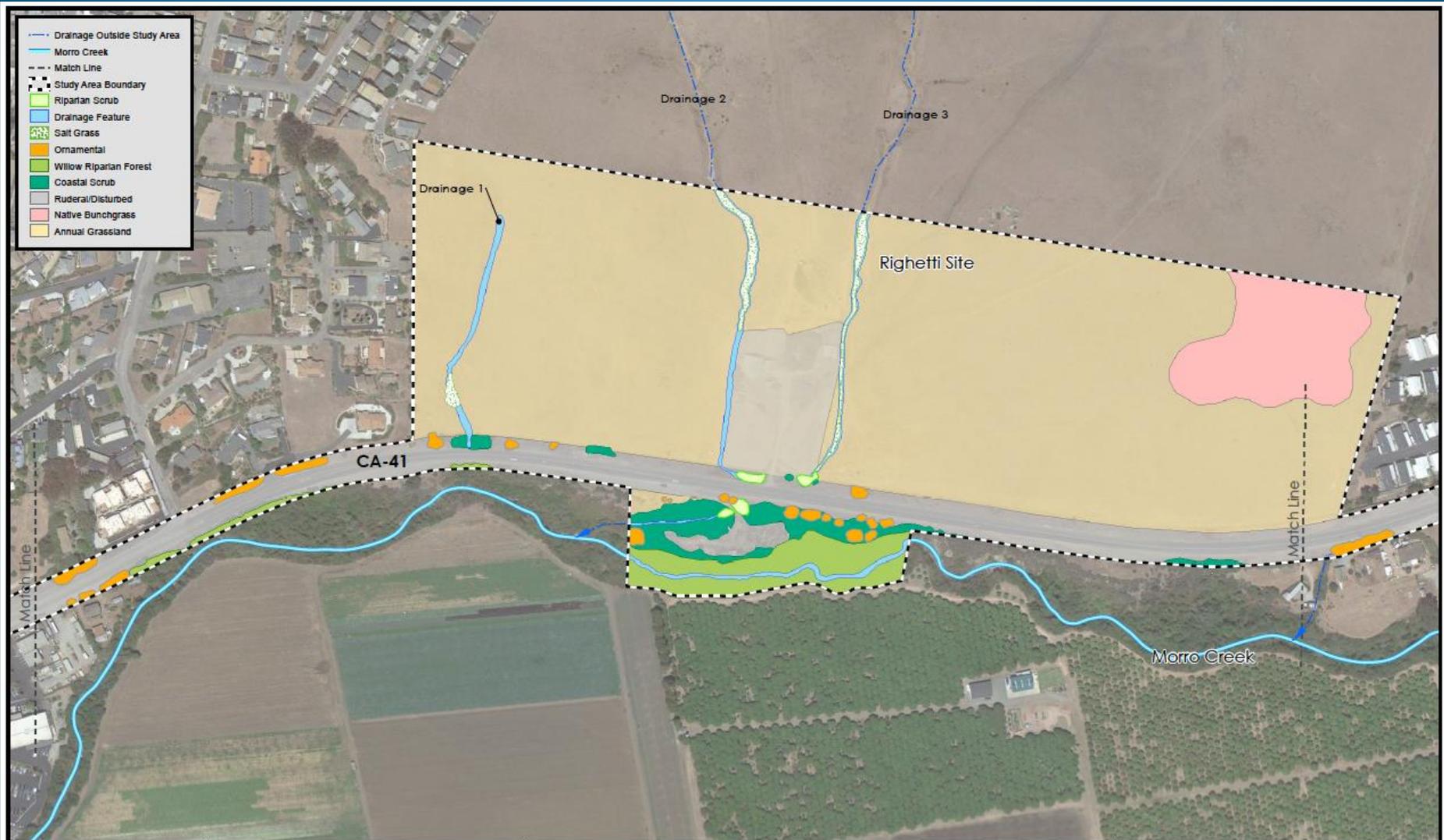
New Studies Since May 2014

- Biological Resource Assessment
- Cultural Resource Investigation
- Hydrogeologic Study
- Geotechnical Investigation
 - No fatal flaws at either site
 - Potential challenges at each, which will affect design

Extent of New Studies (Biological Resources)



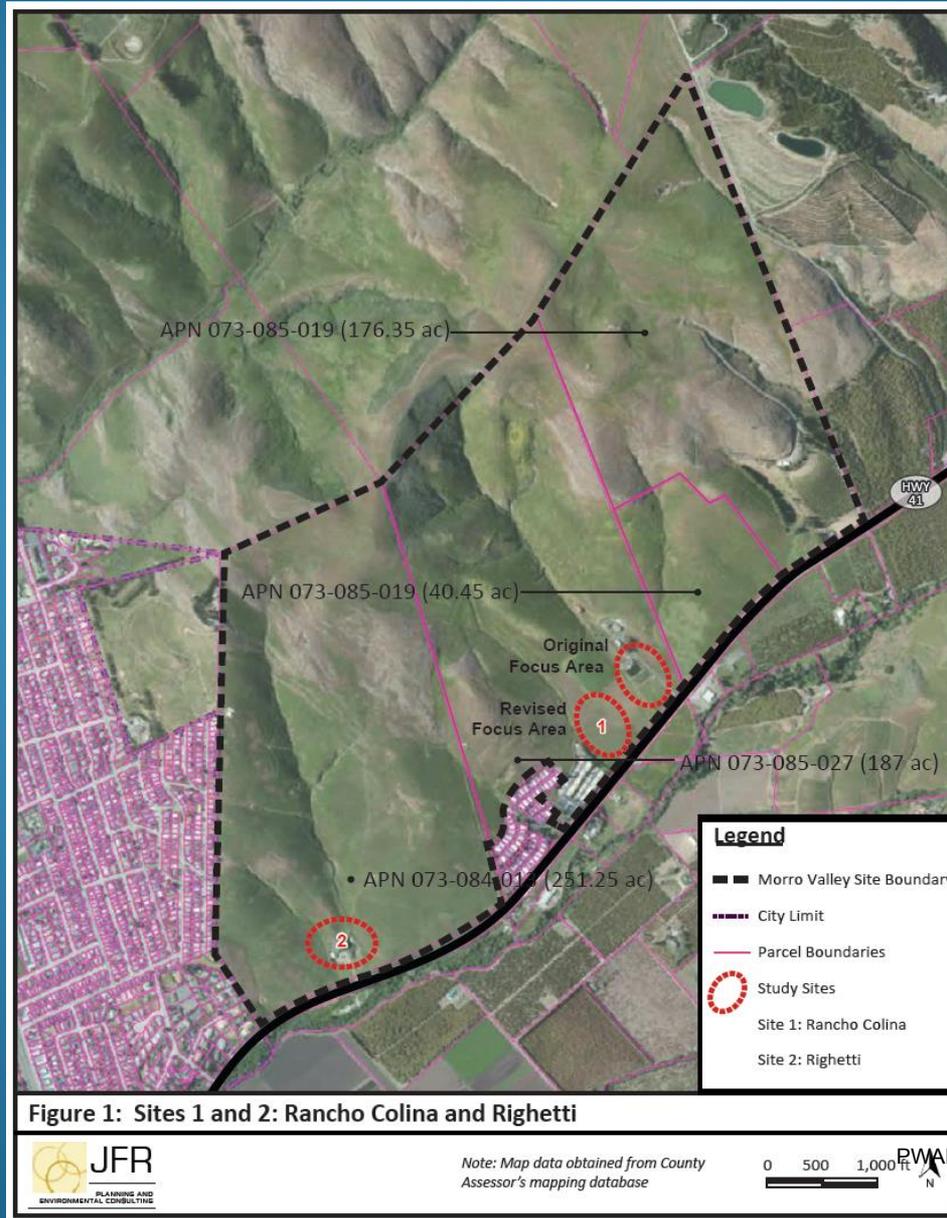
Extent of New Studies (Biological Resources)



Other New Information Since May 2014

- Rancho Colina
 - Now limited to 8-acre portion not previously studied
 - Now limited to WRF or water-related facilities (no corporation yard, for example)
- Righetti
 - Property was for sale and became available to City
 - City has secured option to purchase, if this site is chosen

February 2016 Revised Study Sites



Updated February 2016 Findings

- Both Sites are suitable for a new WRF
- Righetti now ranks highest
- Key factors include:
 - City can control (purchase) the Righetti site without restriction
 - Likely lower project costs (less pipeline)
 - Proximity to deeper portion of groundwater basin (potential reclamation opportunity)
 - Less visually prominent (based on Rancho Colina's new location)
 - More area and flexibility at Righetti to meet other City goals

Table 2. Updated Summary of Site Analysis and Findings (February 2016)

Key Issue	Site	
	Rancho Colina	Righetti
	Site Suitability (<i>high, moderate or low</i>)	
Ownership and Unique Opportunities		
Cooperative Property Owner?	Low-Moderate	Very High
Unique opportunities associated with the site?	Moderate-High	High
Environmental and Physical Site Issues		
Environmental/Coastal Issues?	Moderate-High	Moderate-High
<i>Coastal Proximity and Access</i>	<i>High</i>	<i>High</i>
<i>Visual Impacts</i>	<i>Low-Moderate</i>	<i>Moderate</i>
<i>Biological Resources/ESHA</i>	<i>Moderate</i>	<i>Moderate</i>
<i>Cultural Resources</i>	<i>Moderate</i>	<i>Moderate</i>
<i>Agriculture/Prime Soils</i>	<i>High</i>	<i>High</i>
<i>Minimize Carbon Footprint</i>	<i>Moderate</i>	<i>High</i>
Physical site constraints affecting design flexibility?	Low	Moderate
Regulatory and Permitting Issues		
Unique regulatory or logistical constraints?	High	Moderate-High
Complex or unusual permitting requirements?	High	High
Proximity Issues		
Nearby residential neighbors?	Moderate	Moderate
Suitability as a regional facility?	High	High
Cost and Timing Issues		
Relative cost savings compared to the other sites?	Moderate	Moderate-High
<i>Proximity to existing infrastructure</i>	<i>Moderate</i>	<i>High</i>
<i>Proximity to reclamation opportunities</i>	<i>High</i>	<i>High</i>
<i>Site Elevation</i>	<i>High</i>	<i>High</i>
<i>Site Size and Configuration</i>	<i>Low</i>	<i>Moderate</i>
<i>Permitting Requirements</i>	<i>High</i>	<i>Moderate-High</i>
Ability to achieve a 5-Year timeframe?	Moderate	Moderate-High
<i>Cooperative Property Owner</i>	<i>Low-Moderate</i>	<i>Very High</i>
<i>Site Size and Configuration</i>	<i>Low</i>	<i>Moderate</i>
<i>Permitting Requirements</i>	<i>High</i>	<i>Moderate-High</i>
<i>Relatively Lower Costs</i>	<i>Moderate</i>	<i>Moderate-High</i>
OVERALL	Moderate	High

Next Steps

- City Council to Update Site Recommendation
 - Option 1: Bring to Council on February 23
 - Option 2: Bring to WRFCAC on March 1, then Council March 8
- Once Site is Selected—
 - Facility Master Plan (FMP) to be completed for preferred site
 - CEQA/NEPA Review will focus on preferred site
- Schedule: Still on track for 2021 delivery

Questions



AGENDA NO: B-2

MEETING DATE: February 17, 2016

Staff Report

TO: Public Works Advisory Board **DATE:** February 11, 2016
FROM: Janeen Burlingame - Management Analyst
SUBJECT: Discussion of Solid Waste Collection in Public Areas

RECOMMENDATION

Staff recommends the Public Works Advisory Board review various recommended options for can locations and collection frequency in the Downtown, Morro Rock and Waterfront areas and make comments to Staff as necessary.

FISCAL IMPACT

Depending on what is recommended for each area regarding the number of garbage and recycling cans and service frequency, there are various capital and on-going operating cost options. All items identified in the fiscal impact would need to have a funding source identified in the FY 16/17 budget, other than those items noted in the staff report as having an approved funding source at this time. Exhibit A summarizes all the fiscal impacts for the various options for consideration.

DISCUSSION

Staff was requested to review solid waste collection in the public areas due to an interest in expanding collection opportunities and identify changes as needed for consideration. In looking at solid waste collection services for the public areas (Downtown, Waterfront and Morro Rock), there are different issues of concern for different areas of town necessitating varied approaches to address any deficiencies.

Downtown - see Attachment 1 for existing can locations

Collection of public containers in the Downtown historically have been between 1 and 2 days a week throughout the year and had been adequate to handle the volume of material deposited until the past few years when some complaints were received about overflowing containers during certain days in the week in certain locations, most notably the Saturday Farmers' Market area on Main Street between Morro Boulevard and Harbor.

Additionally, over time, changes in the Downtown have resulted in higher volumes of people coming to the area that have contributed to more material being deposited in the public containers:

- Fewer empty storefronts resulting in more people coming to dine and shop
- Increase in the number of special events year round along Morro Bay Boulevard
- Saturday Farmers Market is now a regular fixture on Main Street between Morro Bay Boulevard and Main Street

Prepared By: JB

Dept Review: RL

Morro Rock – See Attachment 3 for existing can locations

Below is a summary of collection activities at Morro Rock parking lot.

1. Morro Bay Garbage Service - the garbage company provides collection as follows:
 - a. Garbage - 4 Big Belly containers on north side of parking lot, 1 Big Belly container next to the Rock restroom and 2 concrete cans south side of the Rock by Target Rock
 - Winter* - 3 days per week (Monday, Thursday and Saturday)
 - Summer** - 6 days per week (Monday through Saturday)
 - b. Garbage - 3-yard dumpster next to Rock restroom collected once a week
 - Locking dumpster collected one day a week year round - this dumpster is used by the part time Harbor employee and Public Works employees; however, there are slots in the lid so the public can dispose of trash in the dumpster as well
 - c. Recycling - 2 3-yard dumpsters next to Rock restroom collected once a week

*Winter collection: October through May

**Summer collection: June through September

2. Harbor - A part-time Harbor maintenance employee, in addition to other duties, is responsible for garbage collection every Sunday from the 2nd week in May through the 2nd week in September of all the garbage and recycling cans on the waterfront from the launch ramp to the Rock (north and south sides). In the off-season this level of collection activity ceases as the garbage company collection schedule suffices to keep up with the volume accumulated, while monitoring of cans still occurs.

Historically, the Rock parking lot has been a challenging area for garbage collection. In the past, overflow issues had been a problem as there was collection only 6 days a week (Monday through Saturday). The lack of Sunday trash service and subsequent overflow issues was the genesis of the part-time Harbor maintenance position being created.

Additionally, there were issues with birds pulling trash out of the cans and trying to find a “bird proof” container that would provide for a more secure enclosure of trash so birds would not be able to pull trash out that then litter the ground. This led to the City Council approving, in 2012, an option to use Big Belly containers in this location. Big Belly is a solar powered compacting trash container that will compact trash when an internal “eye” senses that the bin has filled to a certain height. The enclosed design deters animals and pests that tend to gravitate towards open top containers in search of food and prevent birds from pulling trash out as the member of the public pulls the lid down, places trash in the slot and closes the lid.

While the Big Belly has alleviated the issue with birds pulling trash out of the container and littering the ground, the units continue to have technical issues related to the compactor as well as degradation of the physical appearance and the locks no longer functioning due to the harsh marine environment it is exposed to year round. The City has Big Belly containers at Tidelands, Mariner and Centennial Parks that are more protected and do not have these issues.

As such, it is recommended the Big Belly containers be removed from the Rock parking lot and replaced with a different method of containment. The 5 Big Belly containers being removed would be refurbished and relocated to other areas in various parks that are more protected and not experience the technical issues resulting from the harsh marine environment. Two options have been developed for consideration.

Alternative 1

- Can Location – See Attachment 4 for proposed can locations
Remove the Big Belly containers and replace with 9 concrete cans like those on the south side near Target Rock, keeping the same winter and summer collection frequency. These containers have a concrete top that has a lower profile than the cans that were at the Rock parking lot previously before the Big Belly containers.

Fiscal Impact:

- Capital Cost: 9 garbage cans \$ 7,961 (includes tax but not shipping)
 11 recycling cans* \$ 8,208 (includes tax and shipping)
 \$16,163

*As mentioned previously, the City may be able to receive DOC grant funds from the SLO Integrated Waste Management Authority to purchase the recycling containers.

- Collection Frequency
Service frequency during summer seasons appears to be adequate with the garbage company collecting 6 days a week and the part-time Harbor employee collecting on Sundays and monitoring the area throughout the week. For the winter season where collection reduces to 3 days a week from the garbage company and on Sunday by the part-time Harbor employee, it was noted that an extra pick up on holidays and during special events at the Rock would be helpful to address the influx of people to the area during those times.

Fiscal Impact:

- On-going operating cost for new cans is estimated to be \$7,393 per year*
- Option A: holiday extra pick up is estimated to cost \$1,842
- Option B: special event extra pick up is estimated to cost \$920

*The current Big Belly containers at the Rock are part of the 30 cans collected at no charge so there would be an increase in collection cost for 4 new cans.

Alternative 2

- Can Location – See Attachment 5 for proposed can locations
Remove the Big Belly containers, add 1 concrete garbage can in front of the Rock restroom, and provide appropriate signage directing the public to dispose of trash and recycling in the dumpsters with the slots in the lids currently located by the Rock restroom. With this option, there is the potential to add benches to the concrete bases to provide seated viewing areas as well as additional spaces for memorial plaques that currently do not exist in that location.

Fiscal Impact:

- As the Big Belly containers are part of the 30 cans collected at no charge, with these cans being removed from the Rock area, there would be an annual cost savings estimated to be \$5,879 as the those 4 no charge cans would now be applied to 4 cans the City currently pays for collection.
- 1 garbage can: \$885
- Capital cost for signage and benches: estimated to be \$10,500

Morro Rock Staff Recommendation: Staff recommends Alternative 2.

Waterfront – see Attachment 6 for existing can locations

This area consists of the Embarcadero from Tidelands Park to the North T-Pier. Currently, there are 18 garbage and 11 recycling cans servicing this area. There have been no complaints about overflow or inadequate collection locations, nor have any issues been raised by the part-time Harbor maintenance employee who has been servicing this area for the past 10 years for the summer period. The part-time Harbor employee did mention that an extra pick up during holidays or special events during the winter season would be helpful to address the added influx of people coming to the area during those times.

As such, with regard to can location, the current spacing and frequency of collection appears to be adequate. While Staff was in the field surveying existing can locations, a member of the public made a request to add a can by the paddleboard shop at 591 Embarcadero (mid-block Embarcadero between Driftwood and Marina). There are 2 cans in underutilized locations at Beach at Market and Main at Jamaica that could be relocated to the Waterfront area.

1. Can Location

Attachment 7 shows the proposed can locations for the relocation of 2 underutilized cans from Main at Jamaica and Beach at Market to the Waterfront near Anchor Park and mid 500 block of the Embarcadero. All other existing cans would remain at their current locations.

Fiscal Impact:

- There is no fiscal impact as Staff would be tasked with relocating the 2 cans
- Adding 14 recycling cans but only need to purchase 2 (others being relocated): \$1,491

2. Collection Frequency

- Option A: During winter season, add an extra pick up for all cans on City holidays (8 holidays)
- Option B: During winter season, add an extra pick up of cans near special events (2 events)

Fiscal Impact:

- Option A: holiday extra pick up is estimated to cost \$1,733
- Option B: special event extra pick up is estimated to cost \$494

Waterfront Staff Recommendation: Staff recommends the proposed can locations outlined in the staff report and Option A for collection frequency.

CONCLUSION

Staff recommends the Public Works Advisory Board review various recommended options for can locations and collection frequency in the Downtown, Morro Rock and Waterfront areas and make comments to Staff as necessary.

ATTACHMENTS

1. Downtown Existing Can Locations
2. Downtown Proposed Can Locations
3. Morro Rock Existing Can Locations
4. Morro Rock Alternative 1 Can Locations
5. Morro Rock Alternative 2 Can Locations
6. Waterfront Existing Can Locations
7. Waterfront Proposed Can Locations

Exhibit A

Fiscal Impact Summary of Can Location and Service Frequency Options

Can Location - Capital Costs		Estimated Cost
Downtown ^{1 and 2}	Add 10 garbage cans	\$8,845
	Add 13 recycling cans	\$9,694
Morro Rock - Alternative 1 ²	Replace 5 Big Belly with 9 garbage cans	\$7,961
	Add 11 recycling cans	\$8,208
Morro Rock - Alternative 2	Remove 5 Big Belly; add 1 garbage can by Rock restroom; use slot lid garbage & recycling dumpsters by restroom	\$885
	Signage and benches	\$10,500
Waterfront	Add 14 recycling cans (only 2 cans would need to be purchased as others are relocated)	\$1,491

¹During the meeting to discuss the mid-year budget, the City Council approved \$10,000 in Transient Occupancy Tax funds to purchase additional garbage cans.

²Staff spoke with the SLO Integrated Waste Management Authority and may be able to get DOC grant funds to purchase the recycling cans.

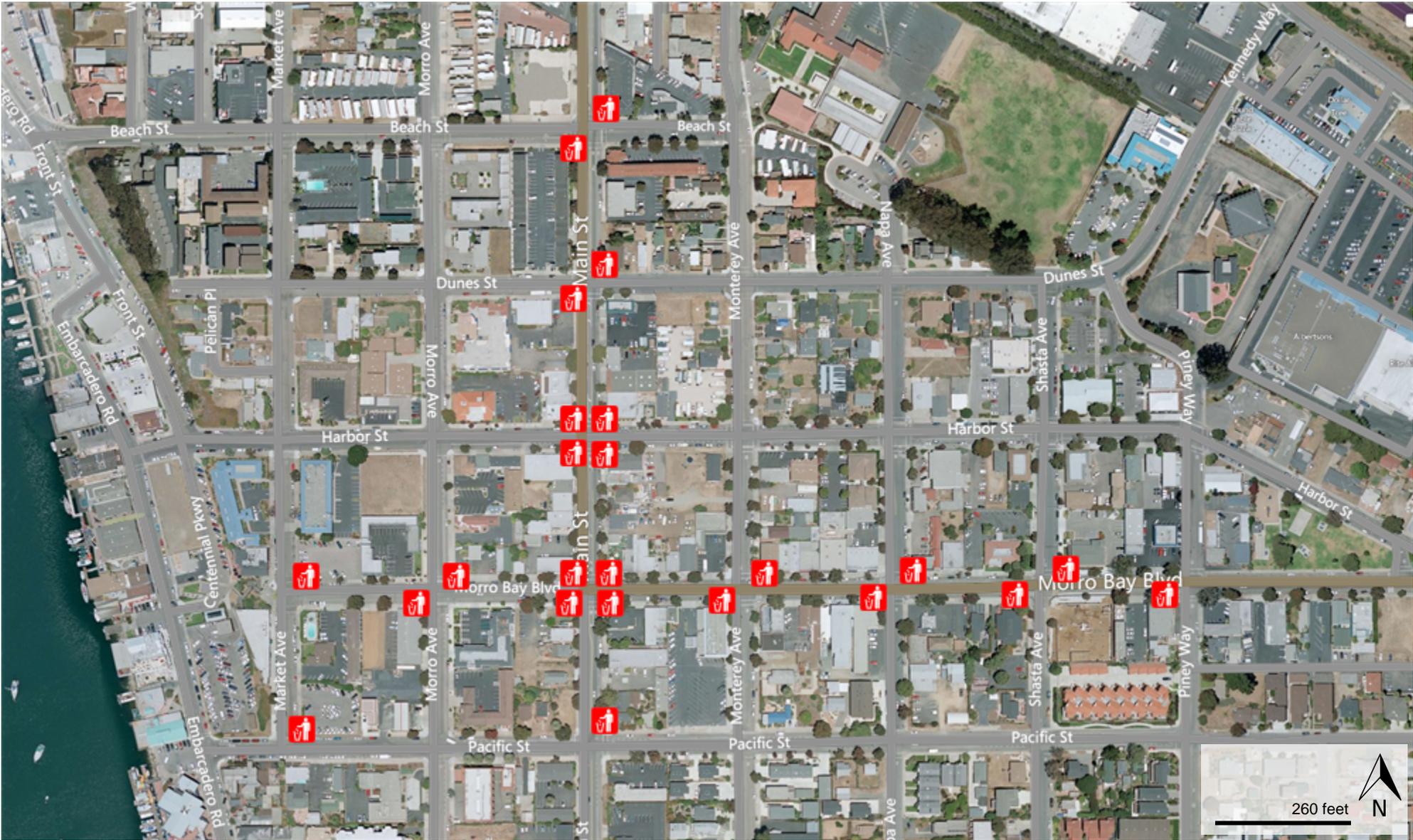
Collection Frequency - On Going Service Cost		Estimated Cost
Downtown ¹	Option A: Increase all locations to 3 days per week: M-Th-S (currently varies from 1 to 3 days per week)	\$11,475 per year*
	Option B: Add 7 extra pick up days for City holidays	\$3,157 per year
	Option C: Add extra pick up for containers near special events	\$1,412 per year
Morro Rock - Alternative 1	Service collection for 9 new garbage cans	\$7,393 per year
	Option A: Add 7 extra pick up days for City holidays	\$1,842 per year
	Option B: Add extra pick up for containers near special events	\$920 per year
Morro Rock - Alternative 2	Cost savings: 4 garbage cans that are no charge cans would be applied to 4 cans City pays for	-\$5,879 per year
Waterfront	Option A: Add 7 extra pick up days for City holidays	\$1,733 per year
	Option B: Add extra pick up for containers near special events	\$494 per year

¹The current agreement with Morro Bay Garbage Service includes collection of 30 public cans at no charge and is reflected in the fiscal impact for Option A. In the near future, the City will be considering an extension of the agreement to address the long term solution for organics collection and processing that PWAB heard about during its meeting last year regarding a proposed rate increase and may be able to see an increase in the number of public cans collected at no charge depending on final negotiations. As such, if this number were to increase to 40 public cans collected at no charge, the cost estimate for Option A would be \$1,044.



Downtown Existing Can Locations

14 Garbage/11 Recycling



Downtown - Proposed Can Locations

Relocate existing cans and purchase 10 new garbage and 13 recycling cans
Increase service locations to 24 from 14



Rock/Morro Creek Area Existing Can Locations

5 Big Belly Garbage & Recycling/5 Garbage/4 Recycling



Rock/Morro Creek Area - Alternative 1 Can Locations

Remove Big Belly containers and replace 9 new concrete cans
Increase service locations to 14 from 10



Rock/Morro Creek Area - Alternative 2 Can Locations

Remove Big Belly containers and replace with 1 concrete can by restroom
Use slot lid garbage/recycling dumpster by restroom



Waterfront Existing Can Locations
 18 Garbage/11 Recycling



Waterfront - Proposed Can Locations

Relocate 2 existing containers and add recycling cans
 Increase service locations to 20 from 18