



CITY OF MORRO BAY PUBLIC WORKS ADVISORY BOARD AGENDA

The City of Morro Bay provides essential public services and infrastructure to maintain a safe, clean and healthy place for residents and visitors to live, work and play.

**Wednesday, April 17, 2019
Veterans' Memorial Building - 5:30 P.M.
209 Surf Street, Morro Bay, CA**

Ric Deschler, Chair
Christian Erlendson

Janith Goldman, Vice-Chair
John Erwin
Stewart Skiff

Torrey Byles
Steven Shively

ESTABLISH QUORUM AND CALL TO ORDER
MOMENT OF SILENCE
PLEDGE OF ALLEGIANCE
COMMITTEE MEMBERS ANNOUNCEMENTS AND PRESENTATIONS

PUBLIC COMMENT PERIOD

Members of the audience wishing to address the Board on City business matters not on the agenda may do so at this time. For those desiring to speak on items on the agenda, but unable to stay for the item, may also address the Board at this time.

Public comment is an opportunity for members of the public to provide input to the advisory body. To increase the effectiveness of the Public Comment Period, the City respectfully requests the following guidelines and expectations be followed:

- When recognized by the Chair, please come forward to the podium to speak. Though not required, it is helpful if you state your name, city of residence and whether you represent a business or group. Unless otherwise established by the Chair, comments are to be limited to three minutes.
- All remarks should be addressed to 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.
- The Board in turn agrees to abide by its best practices of civility and civil discourse according to Resolution No. 07-19.

A. CONSENT CALENDAR

A-1 Approval of Minutes of February 20, 2019 Regular Meeting
Recommendation: Approve minutes.

B. BUSINESS ITEMS

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

C. FUTURE AGENDA ITEMS

Update on Highway 41/Main Street/Highway 1 Intersection Improvements
Water Supply and Allocation

D. NOTIFICATION OF NEXT MEETING AND ADJOURNMENT

Adjourn to the next Public Works Advisory Board meeting scheduled for May 29, 2019 at 5:30 P.M. in the Veteran's Memorial Building, 209 Surf Street.

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. 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.

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.

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.

- | | | |
|----------|---|---|
| PRESENT: | Janith Goldman
Steve Shively
Torrey Byles
Stewart Skiff
Chris Erlendson | Vice Chair
Board Member
Board Member
Board Member
Board Member |
| Absent | Ric Deschler
John Erwin | Chair
Board Member |
| STAFF: | Rob Livick
Janeen Burlingame
Joe Mueller
Matt Bishop
Gina Gregory | Public Works Director
Management Analyst
Utilities Division Manager
Acting Consolidated Maintenance Supervisor
Office Assistant |

ESTABLISH QUORUM, CALL TO ORDER
MOMENT OF SILENCE
PLEDGE OF ALLEGIANCE

The meeting was called to order at 5:30 p.m. A quorum was present.

ANNOUNCEMENTS – Vice Chair Janith Goldman introduced new Public Works Advisory Board member Torrey Byles.

PRESENTATIONS – None

PUBLIC COMMENT PERIOD

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

A. CONSENT AGENDA
https://youtu.be/wVjUsqj_Jk4?t=2m16s

A-1 APPROVAL OF MINUTES OF JANUARY 16, 2019 MEETING

MOTION: Steve Shively moved to approve Item A-1. The motion was seconded by Stewart Skiff and carried 5-0-0 unanimously.

B. BUSINESS ITEMS

B-1 Directors Report – Informational summary of current Public Works Activities
https://youtu.be/wVjUsqj_Jk4?t=2m49s

Rob Livick presented the staff report.

Discussion, comments, and questions continued amongst the Board and staff.

B-2 City Goals – Public Works Issues
https://youtu.be/wVjUsqj_Jk4?t=26m46s

Rob Livick presented the City Goals – Public Works Issues.

Discussion, comments, and questions continued amongst the Board and staff.

C. POTENTIAL FUTURE AGENDA ITEMS
https://youtu.be/wVjUsqj_Jk4?t=1h21m35s

Rob Livick stated there will be more details on the Highway 41 update and the Water Supply & Allocation at a future meeting.

D. ADJOURNMENT

The meeting adjourned at 7:14 P.M. to a regular Public Works Advisory Board meeting at the Veteran’s Memorial Building, 209 Surf Street, May 15, 2019.

Recorded by:

Gina Gregory
Office Assistant



AGENDA NO: B-1

MEETING DATE: April 17, 2019

MEMORANDUM

TO: Public Works Advisory Board
CC: City Manager
DATE: April 12, 2019
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 to be notified by email when Council, Board's and Commission's agendas and minutes are posted on the website.

Service Requests: 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) by using a feature on the City's website, Service Requests www.morrobayca.gov/905/Service-Requests, or the mobile App "My Morro Bay" (available on both Android and IOS operating systems).

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.

CONSOLIDATED MAINTENANCE 35 DAY COMPLETED TASKS AND PROJECTS

Staff Contact: Mike Wilcox

Facilities

- Diagnose and install new circuit board in conference room unit.
- Order and install new valve rebuild assembly.
- Install aluminum door sweep to address water leaking into building around door, getting into office and getting carpet wet.
- Replace 14 fluorescent light bulbs in multiple light fixtures and drilled a small hole in bottom of flag pole to release water.
- Ran new electrical conduit, wire and installed new led light fixture to light up back parking lot.
- Installed 4 led retrofit bulbs in copy room of City Hall, removed old ballast and discarded old bulbs
- Installed 2 electronic ballasts in high bays over Water breaker room. Installed 4 led tubes supplied by Water Dept.
- Weeded & sprayed around, between the storage building
- Pulled down broken no parking sign. Glued it back together and painted. Also added new stainless steel bolts to attach back on 4x4 post
- Removed dead seagull from parking lot
- Weed whacked lot at Front Street restroom
- Cut out, hauled off overgrown shrubs alongside of house
- Worked with CMC crews
- Weed abatement
- Cut off the bent part of the rack. Drilled new holes secured to the sidewalk with new hardware. Matched the paint and painted the newly cut off ends.
- Installed used door enclosure on Vets Hall men's restroom door to replace broken enclosure.
- Cut back Ivy that was growing over the fence
- Cleaned up planters in front station & in the parking lot; will go back and spray weeds next week
- Remove thermostat from PD Chief's office and move to front reception area. Run wires through drop ceiling.
- Caulked all joints on exterior building. Painted entire building with masonry paint(2) coats.
- Cut into drain pipe underneath sink in main kitchen to remove leaking drain seal. Installed new seal and pipe.
- Ran camera down to discover tree roots and large sections of broken pipe. Run snake one last time with very wide cutting head to clear as many tree roots as possible.
- Clogged toilet at Harbor restroom on the women's side. Snaked our floor drain and clean out in plumbing chase. Found sunglasses and paper towel
- Remove liberty pump lid, clear all floating debris, inspect pumps and confirm both pumps are operational. Pump 1 has 136 hours and pump 2 has 169 hours
- Cleared shower drain in men's restroom of massive hairball.

CONSOLIDATED MAINTENANCE 35 DAY COMPLETED TASKS AND PROJECTS

Staff Contact: Mike Wilcox

Trees

- Trimmed pine tree out of the right of way.
- Trimmed branches touching building.
- Picked up down tree limbs and debris at several locations though out town
- Cleaned up trees along sidewalk on Indigo & Emerald Circle
- Screwed 1500 individual lights into light sockets for 100 strands of lights for Main Street and Morro Bay Blvd. tree lighting project for Coastal Tree to hang in trees.
- Cleaned up down tree limbs at the corner of Monterey and Morro Bay Blvd.
- Cleaned up tree limb in turn lane at Main and Quintana
- Notified supervisor of broken branches stuck in tree and in telephone lines
- Trimmed tree branches blocking stop sign on Mimosa

Bike Path

- Wire up chain link fence that was leaning about a 12" in to the bike path
- Weed abatement

Streets

- Hot mix asphalt repair work to the intersection of Main St and Hill; several deep potholes; floating out several low spots as well.
- Swept the street and a good portion of the approach in preparation for paving repair work.
- Removed a ton of sand built up in the fence line. Reset 3 fence posts. Dug new holes, compacted the posts. Stretched the wire. Graded the area.
- Restriped crosswalk
- Two hot mix asphalt skin patches in the parking lot near Harbor Hut.
- Hot mix asphalt patch at the Rock entrance. Couple potholes with what little we had left.



Restriped Crosswalk Before



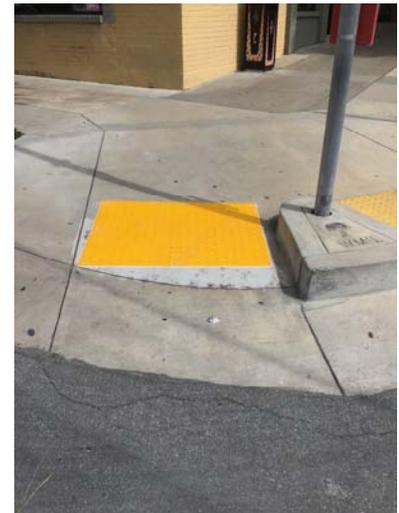
Restriped Crosswalk After

CONSOLIDATED MAINTENANCE 35 DAY COMPLETED TASKS AND PROJECTS

Staff Contact: Mike Wilcox

Streets Continued

- Two repairs. One large skin on the corner of Palm and Walnut. Another skin over a large sink hole.
- Hot mixed asphalt patches on Driftwood, due to the recent fallen tree.
- About two and a half tons of hot mix asphalt repairs to the Rock parking lot approach.
- Pick up/haul off old mattress
- Trimmed a truck load of ice plant off the sidewalk From Main Street around the corner of Quintana and down.
- Work with CMC for weed abatement
- Cleared weeds and sprayed lifeline at the corner of Beach and Main.
- Cleared weeds of sidewalk and sprayed lifeline at the corner of Market and Pacific.
- Cleared tree wells and sidewalks of weeds from Quintana and Main to roundabout. Sprayed both sides of the street with lifeline.
- Weed whacked and spray tree wells at the intersections of Morro Bay Blvd. and Piney
- Weed whacked tree wells and sprayed lifeline down Beach Street
- Fixed drip line in front of 2242 Emerald Circle
- Replaced the stop sign and hardware at Quintana with a new high visibility sign.
- Several large skins and pothole repairs to the 714 parking lot in preparation for resurfacing.
- Removed old truncated dome step off mat due to its poor condition. Removed all the old adhesive. Installed new truncated domes in the proper location per ADA standards while following the installation instructions per manufacturer.
- Motorists ran over one of the signs and broke the pole; update the signs and upgrade the poles and hardware.
- Weed whacked and/or sprayed weeds in tree wells on Harbor St. from Napa to Main
- Removed broken and unsafe bench in tree well in front of 696 Morro Bay Blvd
- Removed exposed rebar dowels from tree well in front of Mi Casa on Morro Bay Blvd
- Gut out native soil to make sub grade for class II road base. Based out flush with existing street. Will pave back in the future.
- Hot mix asphalt repairs to Cypress St.
- 1000 block of Carmel. Hot mix asphalt patches.



Truncated Dome Replacement

CONSOLIDATED MAINTENANCE 35 DAY COMPLETED TASKS AND PROJECTS

Staff Contact: Mike Wilcox

Parks

- Ran new #8 wire to 4 contact box controlling west ball field lights through switch.
- Removed toilet in men's restroom to remove plastic water bottle stuck inside toilet. Replaced vacuum breaker. Reset toilet.
- Weed abatement on open space in front of parking lot
- Installed a new quick coupling to replace broken one.
- Completed safety inspection on playground structures at Del Mar Park.
- Completed playground inspection at Keiser Park.
- Replaced faucet at Cloisters Park with new style faucet with updated pin connectors.
- Opened up the liberty grinder pump, filled with water to activate the automatic pump out, ran the system on manual and automatic, checking also alarm levels. Cleaned the internal components, also removed all trash and plastic products from the holding tank.
- Led down light was sheared off from tractor during DG remodel. Luckily where the old bolts did not sheer off the entire female treaded portion. Found longer bolts from 714 and we were able to get the lamp back up.
- Unclogged floor drain to outside shower at Tidelands Park
- Replace leaking water valve at fish cleaning station.
- Performed safety check on playground. Exposed rebar on concrete play structure on west side of park.
- Safety inspection play area
- Inspection of various playground structures and play area
- Restoring broken rope. Put in new schedule 80 support pipe and rehang banner
- Cut back grass on infield radius on both softball diamonds; graded fields
- Rake pine needles and trim melaleuca trees and check the playground
- Mowed turf
- City Park banner was flapping in the wind; replaced broken hose clamp that keeps the bunjee cord secured to post.
- Put boulders along the north of playground to prevent people driving to the lawn
- Excavated native soil in the turf area to a 3.5 subgrade. Compacted subgrade. Brought in 14 tons of Gabro rock. Made finish grade and compacted and watered as needed.
- Pressure washed playground structures and bus stop
- Replaced old landscape lumber with some 2x4x20 lumber had in the Corp yard
- Gut out the whole turf area. About a 3"-4". Sub grade. Water and compacted area. Hauled in 16 tons of decomposed granite and graded, watered, compacted. Created and hardscape patio area for the general public.
- 7 tons of hot mix asphalt repairs to the Lila Kaiser parking lot.

TRANSIT

Staff Contact: Janeen Burlingame

City Park Transit Hub Study

The City Park Transit Hub is served by the City's local Morro Bay Transit program (which includes the year round deviated fixed route and seasonal Trolley services), as well as the San Luis Obispo Regional Transit Authority (RTA) and San Luis Coastal Unified School District (SLCUSD). The current transit hub location and passenger amenities have operational and design deficiencies the City would like to improve.

Staff have been working with a transportation consultant to conduct a focused study of the transit hub site and develop potential improvements. The consultant submitted its final report of existing conditions and potential improvements at three locations surrounding the park. Staff will be reviewing the study and various options with the main users of the transit hub, Morro Bay Transit, RTA and the School District, as well as members from Art in the Park, the most physically intensive user of the park for their three annual events, for feedback before presenting the study to PWAB and the City Council.



Short Range Transit Plan

Staff has reviewed and provided comments to the consultant on the draft plan both from the City and the San Luis Obispo Council of Governments and they are working on updating the draft plan to address comments received. Staff anticipates receiving the final plan within the next month.

WATER – OPERATIONS

Staff contacts: Joe Mueller

Damaris Hanson

Operations and Maintenance:

- Flushed 31 Hydrants and dead ends throughout the water distribution system.
- Responded to 7 after-hour callouts at the Elena Booster Station due to communication problems.
- Responded to a high-water level alarm at the Kings' water-storage tanks. A State Water distribution line valve malfunctioned and increased the incoming flow to the city tanks. Staff adjusted tank levels throughout the city's distribution system and flushed dead ends to compensate for the increased water volume. State water operators corrected the problem later that same day.
- Performed 28 water service turn-offs and 62 water service turn-ons.
- Located and marked 32 Underground Service Alerts at numerous locations though out the city.
- Tested chlorine residuals at various sample points throughout the water distribution system.
- Operated and maintained the ground water treatment plant weekly.
- Responded to five customer requests, leaks on customer side of water service, broken meter lids, water pressure testing at building, and a meeting with a contractor on water service and meter box locations.
- Installed 2 new water services one at 450 Piney Way and the other at 1138 Market Avenue

Sampling for permit requirements:

- Conducted weekly water sampling at various sample points in the distribution system and sent samples to a certified lab for analysis.
- Collaborated with San Luis Coastal Unified School District Staff to grab water samples at Morro Bay High, Del Mar Elementary, and Morro Elementary schools for required lead testing. Samples were sent to a certified outside lab for analysis.

Submitted Reports:

- Monthly water report to State Water Resources Control Board
- Quarterly Report to State Water Resources Control Board
- Monthly water report to Division of Drinking water
- Water conservation report



Staff install a water service at 450 Piney Way

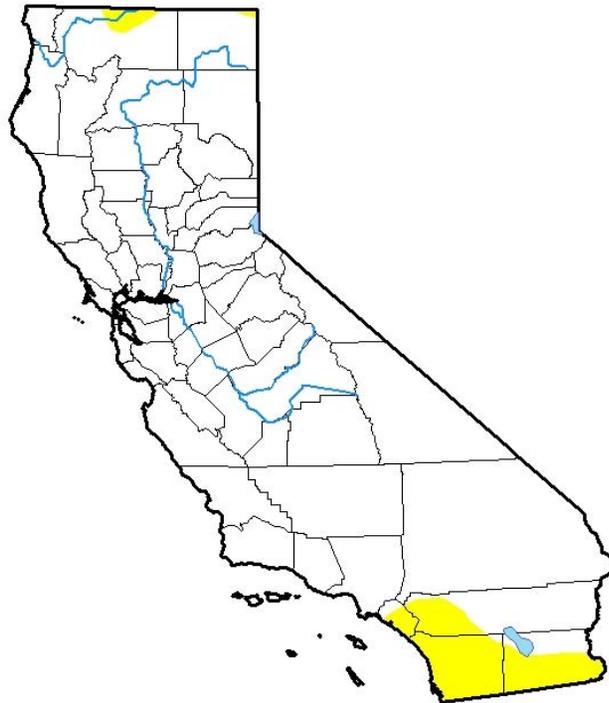
WATER – CONSERVATION

Staff contact: Damaris Hanson

Please remember to make water conservation a way of life!

City 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, add replacing a toilet that flushed more than 1.6 gallons per flush (\$100).

U.S. Drought Monitor California



For the month of March water conservation was 25% lower compared to March 2013.

March 19, 2019

(Released Thursday, Mar. 21, 2019)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	93.42	6.58	0.00	0.00	0.00	0.00
Last Week 03-12-2019	93.42	6.58	0.00	0.00	0.00	0.00
3 Months Ago 12-18-2018	7.77	92.23	75.17	16.87	2.10	0.00
Start of Calendar Year 01-01-2019	7.77	92.23	75.17	14.12	2.10	0.00
Start of Water Year 09-25-2018	12.18	87.82	47.97	22.82	4.94	0.00
One Year Ago 03-20-2018	11.08	88.92	47.68	22.31	0.43	0.00

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

Jessica Blunden
NCEI/NOAA



<http://droughtmonitor.unl.edu/>

WASTEWATER – COLLECTIONS

Staff Contacts: Joe Mueller

John Gunderlock

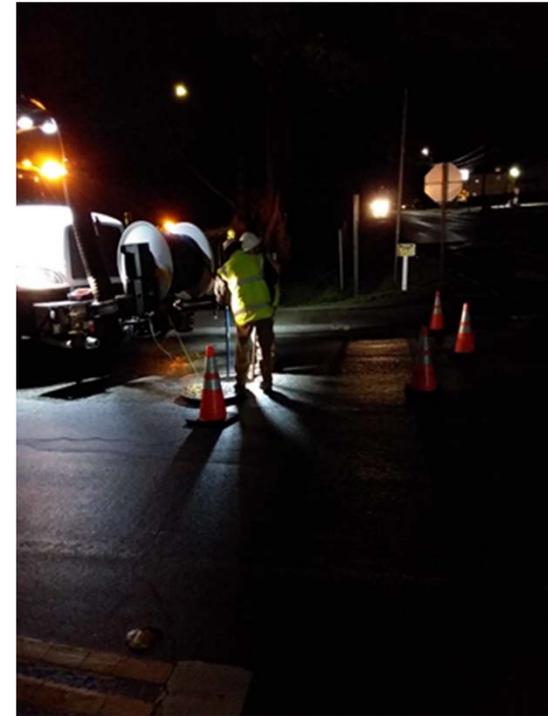
Operation & Maintenance

For the month of March 2019

- Performed pH spot checks at Mission Linen
- Staff continued to monitor and retrieve flow meter data from flow meters in the Collections system
- Performed Lift Station routine maintenance
- Hydro cleaning approximately 22,200 feet of city main sewer line.
- Responded to 1 after hours call-outs.
- Staff performed 7 Fats, Oils, and Grease Source control inspections.
- Annual root foaming treatment of problematic sewer lines was conducted throughout the city.



Root treatment being conducted throughout the City



Sewer line cleaning being performed in early mornings in high traffic areas

WASTEWATER – TREATMENT

Staff Contacts: Joe Mueller
John Gunderlock

Operation & Maintenance

- Flow for the month of February averaged 1.423 Million Gallons per Day (MGD) and totaled 39.846 million gallons.
- Flow for the month of March averaged 1.377 Million Gallons per Day (MGD) and totaled 27.531 million gallons.
- Rainfall for February totaled 3.53 inches and 2.22 inches for the month March .
- Responded to a total of 7 after hour callouts in February and March for plant chlorine adjustments.
- Submitted Air Pollution Control Board emissions inventory for 2018.
- Submitted SLO Environmental Health Hazardous Materials Business Plan for 2019.
- Cleaned Interstage VFD's and replaced cooling fan.
- Organized & updated all Safety Data Sheet (SDS) binders at the facility and held a general SDS knowledge safety meeting.
- Replaced a 3-way heat regulating valve on Digester #2.
- Installed a replacement influent composite sampler diffuser.
- Calibrated the headworks gas monitoring system.
- Repaired water leak on headworks screening compactor.
- Tested the hydraulic emergency bypass pump and bypass piping.
- Performed storm water sampling per industrial storm water permit.
- Laboratory performed "blind testing" on unknown samples for WP291 Quality Control testing with all test returning acceptable results.'
- Operators installed new double contained sodium Bisulfite chemical storage tanks replacing one that was past its useful life. The chemical is used to de-chlorinate the treated water at the wastewater treatment plant before it is discharged to the ocean.
- In order to safely de-water the wastewater treatment plant chlorine contact chambers for cleaning and inspections, operations staff installed permanent pump piping allowing the job to be performed safely and efficiently.



3-way heat regulating valve on Digester #2

Staff attended the following training:

- CPR/First Aid at MB Fire
- Maximizing Supervisory Skills for the First Line Supervisor in Paso Robles
- Harassment Training at MB Fire
- CWEA training event in Thousand Oaks

Submitted reports:

- January and February 2019 Monthly Self-Monitoring Reports (eSMR)
- January and February 2019 Monthly Discharge-Monitoring Reports (eDMR)
- Benthic Monitoring Report
- Annual Biosolids Report
- Annual Summary Report (CIWQS)



Chlorine Chamber dewatering piping install



Installed safety railing in a known hazard area to prevent head injuries



New double contained sodium bisulfite chemical storage tanks

ENGINEERING/CAPITAL PROJECTS

Staff contact: Rob Livick

Highway 41/Main/Highway 1

- Update meeting with CalTrans for February 2019
 - Caltrans to restart Archeological Review and Outreach
- Project construction is still financially constrained
- If funding gap cannot be closed, look at interim signal alternative

Pavement Management

- Work substantially complete as of this report, finishing striping
- Next years program will include a complete revision to Plan to incorporate sealing techniques not anticipated with 2011 Pavement Management Plan
- Work to be performed in the Spring of 2020 to take advantage of better weather and new Rubberized Asphalt Grant Cycle

Nutmeg Tank Replacement

- Addressed in the OneWater – Water System Capital Improvement Plan
- Project Scheduled to begin in 2020

Collection System Repairs

- Addressed in the OneWater – Wastewater Collection System Capital Improvement Plan
- Program Scheduled to begin in 2019/20
- Assessing segments for lining and pipe bursting in North Morro Bay

North Point Parking Lot

- Survey completed, working on design in-house

Cloisters Landscaping Improvements

- Oasis Associate assessing existing conditions
- Scheduling community workshop

PMP-Chip Seal and Striping



ENGINEERING/CAPITAL PROJECTS

Staff contact: Rob Livick

Development Review

- Staff is working on the following projects:
 - Morro Mist 23 Lot Subdivision (Bonita and Main): Under Construction – Frontage Improvements complete. Sidewalk Opened
 - Sonic Restaurant – Main and Highway 41: In Plan Check – Still waiting for resubmittal from applicant
 - Other Commercial Developments
 - Front Street (North) Hotel: Finaled Construction Permits
 - Morro Bay Landing: Under Construction
 - Harbor Hut Docks: In Plancheck
 - Otter Rock/Boatyard Remodel: Under Construction
 - Harborview Hotel/Commercial: Planning Review
 - Hotel Development – NW corner Atascadero Road West and Highway 1: Planning Review
 - US Coast Guard Addition: MOU authorized by Council, In Plancheck
 - Residential remodels and construction: Various

WASTEWATER – NEW WRF

Staff contact: Rob Livick

General Program Activities

- Worked with Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act (WIFIA) staff to provide input and answer questions regarding the environmental review of the City's application
- Presented the results of the Draft Conceptual Engineering Report for the Conveyance Facilities Project to the City Council on January 22, 2019
- Reviewed and provided input to State Water Resources Control Board (State Board) staff for the City's Clean Water State Revolving Fund (CWSRF) application scoring sheet
- Prepared the consolidated permit application for the California Coastal Commission
- Met with Division of Drinking Water (DDW) staff to discuss the indirect potable reuse permitting process
- Met with Regional Water Quality Control Board (RWQCB) staff to discuss Section 401 jurisdiction and the status of necessary permits
- Trip to Washington DC to inform legislators and agencies about the project and continued to stress the cost and funding needs

Water Reclamation Facility

- Advanced the design of the WRF with continued development of the Basis of Design Report
- Participated in key design meetings with the WRF Program Manager and City staff

Conveyance Facilities

- Continued to advance the design of the Conveyance Facilities Project
- Met with community members and business owners regarding pipeline routing

Recycled Water Facilities

- Continued groundwater modeling including an evaluation of nitrate levels in the Lower Morro Basin
- Validated operations at pressure transducers recently installed at all of the City's seawater wells
- Identified and planned for cone penetration test (CPT) borings in Narrows area
- Evaluated aquifer data and boundaries in Narrows area