

**JOINT MEETING
CITY OF MORRO BAY AND CAYUCOS SANITARY DISTRICT
WASTEWATER TREATMENT PLANT
(UNDER JOINT POWERS AGREEMENT)**

Cayucos Sanitary District Board of Directors:

Robert Enns, President
Dan Chivens, Vice-President
Cary Maffioli, Director
Shirley Lyon, Director
Dan Lloyd, Director

City of Morro Bay City Council:

Jamie Irons, Mayor
Noah Smukler, Mayor Pro Tem
Matt Makowetski, Councilmember
John Headding, Councilmember
Christine Johnson, Councilmember

AGENDA

MEETING DATE:

6:00 p.m., Thursday, April 30, 2015

HOSTED BY:

Cayucos Sanitary District

MEETING PLACE:

Cayucos Veterans Hall
10 Cayucos Drive
Cayucos, CA 93430

CALL TO ORDER AND ROLL CALL

COUNCIL AND BOARD ANNOUNCEMENTS

PUBLIC COMMENT PERIOD

Members of the audience wishing to address the governing bodies on Morro Bay-Cayucos Wastewater Treatment Plant (WWTP) business matters may do so at this time. By the conditions of the Brown Act, the governing bodies may not discuss issues not on the agenda, but may set items for future agendas. When recognized by the Chair, please come forward to the podium and state your name and address for the record. Comments should be limited to three minutes. All remarks shall be addressed to the governing bodies, as a whole, and not to any individual member thereof. This governing body requests that you refrain from making slanderous, profane, or personal remarks. Please refrain from public displays or outburst such as unsolicited applause, comments, or cheering. Any disruptive activity that substantially interferes with the ability of this governing body to carry out its meeting will not be permitted and offenders will be requested to leave the meeting. Your participation in these joint meetings is welcome and your courtesy will be appreciated.

A. CONSENT CALENDAR

Unless an item is pulled for separate action by the City Council or Cayucos Sanitary District Board, the following items are approved without discussion

A-1 MINUTES OF MARCH 12, 2014 JPA MEETING

Recommendation: Approve as submitted

A-2 STATUS REPORT OF THE MAJOR REPAIR AND MAINTENANCE PLAN (MMRP) FOR THE WWTP

Recommendation: Receive and file

C. NEW BUSINESS

CAYUCOS SANITARY DISTRICT ITEMS:

C-1 PRESENTATION OF COMMUNITY INPUT RECEIVED AT THE CAYUCOS TOWN HALL MEETING

Recommendation: Following discussion and consideration of this item, the Council and District Board direct staff accordingly

CITY OF MORRO BAY ITEMS:

C-2 REVIEW OF PREVIOUS MORRO BAY EFFORTS AND DISCUSSION OF FIVE YEAR PLAN FOR WORKING COOPERATIVELY TOWARDS PLANNING, DESIGN, AND CONSTRUCTION OF A NEW REGIONAL WRF AT THE PREFERRED IDENTIFIED LOCATION AT RANCHO COLINA

Recommendation: Following discussion and consideration of this item, the Council and District Board direct staffs to and develop and public notice Request for Proposals for Project Management and the Environmental Review Process; and agree to split the costs on a pro rata basis from January 2015 to completion of the Facility Master Plan, the Environmental Review process, and Project Management

D. SCHEDULE NEXT JOINT MEETING AND FUTURE AGENDA ITEMS

ADJOURNMENT - (Next meeting will be hosted by the City of Morro Bay)

Copies of staff reports and other public documentation relating to each item of business for this meeting are available for inspection at Morro Bay City Hall at 595 Harbor Street and the Cayucos Sanitary District at 200 Ash Ave. A copy of this packet is available from the City of Morro Bay for copying at Mills Copy Center and from the Cayucos Sanitary District for a copy and duplication charge. Any person having questions regarding any agenda items may contact Bruce Keogh, Wastewater Division Manager (City of Morro Bay) at 772-6261 or Rick Koon, District Manager (Cayucos Sanitary District) at 995-3290. In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Public Services' Administrative Technician at (805) 772-6261, or the Cayucos Sanitary District at (805) 995-3290. Notification 24 hours prior to the meeting will enable the City and District to make reasonable arrangements to ensure accessibility to this meeting.

Materials related to an item on this Agenda submitted to the City of Morro Bay or the Cayucos Sanitary District after distribution of the agenda packet are available for public inspection at the scheduled meeting.

AGENDA ITEM: A-1

DATE: April 30, 2015

ACTION: _____

MINUTES – CITY OF MORRO BAY AND CAYUCOS SANITARY DISTRICT WASTEWATER
TREATMENT PLANT (UNDER JOINT POWERS AGREEMENT)
REGULAR MEETING – MARCH 12, 2015
VETERAN’S MEMORIAL HALL – 6:00 P.M.

PRESENT:

CITY OF MORRO BAY CITY COUNCIL:

Jamie Irons, Mayor
Noah Smukler, Councilmember
Matt Makowetski, Councilmember
John Heading, Councilmember
Christine Johnson, Councilmember (VIA TELECONFERENCE)

MORRO BAY STAFF:

Rob Livick, Public Works Direct
Bruce Keogh, WWTP Manager
Kay Merrill, Administrative Utilities Technician

CAYUCOS SANITARY DISTRICT BOARD OF DIRECTORS:

Robert Enns, President
Dan Chivens, Vice-President
Shirley Lyon, Director
Dan Lloyd, Director
Cary Maffioli, Director (ABSENT)

CAYUCOS STAFF:

Rick Koon, District Manager
Tim Carmel, District Counsel

ESTABLISH QUORUM AND CALL TO ORDER

The meeting was called to order at 6:03 p.m., and a quorum was present.

COUNCIL AND BOARD ANNOUNCEMENTS - None

PUBLIC PRESENTATIONS - None

PUBLIC COMMENT

<https://youtu.be/nu8zbwBrX3Y?t=1m15s>

The public comment period was opened.

Doug Claassen, Manager of Morro Dunes RV Park, presented two signed petitions for the closure of the existing sewer plant after the new plant is built.

Laura Niblock questioned why Cayucos is not going to be part owner of the WWTP.

The public comment period was closed.

A. CONSENT AGENDA

<https://youtu.be/nu8zbwBrX3Y?t=2m46s>

A-1 APPROVAL OF MINUTES FROM THE JANUARY 8, 2015 JPA

A-2 STATUS REPORT OF THE MAJOR REPAIR AND MAINTENANCE PLAN (MMRP) FOR THE WWTP

A-3 WWTP OPERATION REPORT THROUGH DECEMBER, 2014

MORRO BAY MOTION:

Noah Smukler moved to approve the Consent Agenda, John Headding seconded and the motion passed unanimously (5-0).

CAYUCOS MOTION:

Shirley Lyon moved to approve the Consent Agenda, Dan Lloyd seconded and the motion passed unanimously. (4-0).

B. OLD BUSINESS - NONE

C. NEW BUSINESS

C-1 DISCUSSION AND APPROVAL OF A REQUEST FOR PROPOSAL (RFP) FOR A FACILITY MASTER PLAN FOR THE PROPOSED WATER RECLAMATION FACILITY (WRF)

<https://youtu.be/nu8zbwBrX3Y?t=4m42s>

The public comment period was opened.

Laura Niblock stated Los Osos just went through this process and are we communicating with them and taking advantage of their expertise?

Marla Jo Bruton Sadowski asked for an explanation on how we are going to move forward with a joint proposal when we don't know if the CSD may or may not be interested in using the facility and is there a discloser from the CSD ?

Steve Macelvaine stated his mobile home park would be hooked up to the new facility and is currently working on an MOU with the City.

The public comment period was closed.

MORRO BAY MOTION:

Noah Smukler motioned to direct staff to reconcile the two draft facility master plan documents that we have and make the changes as discussed and recommended by the boards today, and we authorize staff to release that as soon as possible, Matt Makowetski seconded and the motion passed unanimously (5-0).

CAYUCOS MOTION:

Dan Chivens moved the same motion, Dan Lloyd seconded and the motion passed unanimously (4-0).

C-2 DISCUSSION OF A MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE CITY AND SANITARY DISTRICT FOR THE NEXT STEPS IN DEVELOPING A WRF

<https://youtu.be/nu8zbwBrX3Y?t=41m24s>

The public comment period was opened.

Marla Jo Bruton Sadowski stated she is concerned with Cayucos sewage traveling through Morro Bay and finds Mr. Enns disingenuous in regards to his concern for the environment yet it took eleven years to address odor control. She stated sewage is entering the Morro Bay aquifer and some of that sewage belongs to Cayucos. The CSD has one purpose, to collect and ship raw sewage to Morro Bay.

Steve McIlvene stated the Rancho Colina WWTP currently has a discharge permit for 20,000 gallons per day. The new facility will have 1.6 million gallons per day. Currently there is a 4" force main to the Rancho Colina facility and the new facility main will be adjacent to the current main and one option is to tie the old main into the new main. He stated there are 69 mobile homes and 57 RV's which is equivalent to 108 dwelling units, so very little water is being consumed. There are two residences on the property which are served by septic tanks.

Barry Brannin stated the RWQCB has sent a letter outlining what needs to be done to get a permit and in five years the current plant has to close. The letter is on the City's website.

Roger Ewing stated for the past five years and nearly two million dollars, the CSD and the former City Council pushed to upgrade the plant knowing the Coastal Commission would not approve it. For twenty years both boards have failed to upgrade the infrastructure. He stated the JPA needs to be dissolved and the CSD become a customer, based on usage.

The public comment period was closed.

MORRO BAY MOTION:

Jamie Irons motioned to continue Item C-2 to provide direction to their staffs regarding any modifications necessary to the MOU, Matt Makowetski seconded and the motion passed unanimously (4-0).

CAYUCOS MOTION:

Dan Lloyd moved the same motion, Dan Chivens seconded and the motion passed unanimously (4-0).

C-3 SCHEDULE NEXT JOINT MEETING AND FUTURE AGENDA ITEMS

<https://youtu.be/nu8zbwBrX3Y?t=2h27m48s>

The next scheduled meeting is April 30, 2015, to be hosted by Cayucos.

ADJOURNMENT

The meeting adjourned at 8:40 p.m.

STAFF REPORT

CITY OF MORRO BAY-CAYUCOS SANITARY DISTRICT WASTEWATER TREATMENT PLANT (WWTP)

TO: Honorable Mayor and City Council, City of Morro Bay
Honorable President and Board of Directors, Cayucos Sanitary District

FROM: Bruce Keogh, Morro Bay Wastewater Division Manager

DATE: April 23, 2015

SUBJECT:

Status Report of a Major Maintenance & Repair Plan (MMRP) for the WWTP

RECOMMENDATION:

Morro Bay and Cayucos Sanitary District staffs recommend this report be received and filed.

FISCAL YEAR:

No fiscal impact at this time as a result of this report. Fiscal impact is addressed through the budget process.

BACKGROUND:

This staff report is intended to provide an update on the development of the MMRP for the WWTP. At the February 14, 2013, JPA meeting the Council and District Board approved the development of an MMRP and made the following motion:

- Direct staff to prepare a time sensitive and prioritized MMRP for the WWTP with an anticipated rolling 2 year budget;
- The JPA solicit proposals from a qualified firm, or firms, to provide technical advice and analysis on an as needed basis as determined by Morro Bay's Public Services Director and Cayucos Sanitary District Manager; and
- The Morro Bay Public Services Director and Cayucos Sanitary District Manager report back to the JPA on a semi-annual basis on the progress and costs associated with the MMRP.

Development of an MMRP will assist the City and District in projecting the budgeting of expenditures required to keep the current plant operating in compliance with regulatory requirements.

Staff's focus has continued to be on implementing work on the MMRP projects approved for the FY14/15 budget. The adopted FY14/15 budget contains \$1.221M in funding MMRP projects. The funds represent new MMRP projects as well as roll over from the FY13/14 budget for the headworks screening project and chlorine contact tank repairs.

Additionally, in anticipation of the budget preparation process for the 2015/2016 fiscal year, staff has continued to coordinate with City and District staff as well as MKN to identify priority projects and

develop budgetary numbers for inclusion in the MMRP for the next fiscal year's budget for the WWTP. The proposed budget for MMRP projects for FY15/16 will be presented to the City and District during budget deliberations. The goal in developing the budget for the MMRP is to recognize the goal to have the new WRF operational during the life of the next NPDES operational permit. This goal will insure prudent spending on this facility and still maintain the high quality effluent that is discharged to the Estero Bay.

DISCUSSION

Digester #1 Repair

An Invitation to Bid for the sandblasting and coating of digester #1, project number: WWTP Digester #1 Repairs and Coating: MB-2015-WW05, was public noticed on March 22. Three bids were received, with Fluid Resource Management (FRM) being the lowest responsible bid. The Council and District Board awarded a contract for the sandblasting and coating of digester #1 to FRM at their regular meetings on April 14 and 16, in the amount of \$132,000. City staff is currently working with FRM to execute a contract. The project schedule calls for the work to be complete by July. Plant staff has continued to proceed with the repair and replacement projects for the valving and piping on digester #1.

Chlorine Contact Basin Improvements

The repairs to the chlorine contact basin were completed on Wednesday April 15. The project started at 12:01 am on Wednesday April 15, and the work was complete and plant operations were back to normal at approximately 830 pm on the 15th. Work included replacement of the drive and idler shafts and new sprockets in the south contact chamber, a new guiderail in the north contact chamber, and repairs to the wear strips on the tank floor. Staff also drained and inspected the portion of the tank where the flash mixer and 3W pumps (plant process water) are located. They are still reviewing the results of that inspection to determine if repairs are warranted to the diffuser system located in that section of the tank. The work did require by-passing of the chlorine contact tank while the repairs were performed from 8 am to 830 pm. During the by-pass period, the effluent was chlorinated and disinfected, but was not dechlorinated as required by the NPDES permit. By-passing of the tank resulted in a violation of the total chlorine daily maximum residual limit of 1.07 mg/L. The effluent value for total chlorine residual reported to Regional Water Quality Control Board (RWQCB) staff for April 15 was 7.2 mg/L. The violation of the total chlorine daily maximum residual limit is an effluent violation and will result in a minimum mandatory penalty of \$3,000. Both staff at the RWQCB and the California Department of Health Shellfish Division were notified prior to the work beginning and after the work was completed and plant operations returned to normal. Staff also followed up with an email to RWQCB staff informing them of the project details and the violation of the NPDES permit for total chlorine daily maximum residual limit. Further information will be included when the April Monthly Operations Summary is submitted to the RWQCB.

Rehabilitation of primary clarifier #2

Staff has completed repairs to the catwalks on primary clarifier #2 and #1. The repairs entailed removal of some badly corroded steel cross members and replacing them with new steel cross members. Staff with Sunrise Coatings coated the catwalks for primary clarifier #1 and #2 using an epoxy based coating system. Staff have also purchased valving and piping for repairs to the sludge and scum pump piping on the two clarifiers. Ultimately, staff anticipate performing repairs to the metal framework on the flights and skimmer cage assembly; repair and replacement of piping and valving, and other associated components.

Purchase and Installation of New Distributor Arms and Biofilter Improvement Project

Staff will continue to work with City Public Works Engineering staff and MKN for the purchase and installation of new distributor arms on biofilter #2 and replacement of the main bearing on the turntable. These units are a critical component of the secondary treatment system. This project will likely be deferred to the FY15/16 budget as staff will not be able to complete the work in this fiscal year.

Floodwall Installation at the Biofilters and Interstage Pumping Station

Staff will continue to work with City Public Works Engineering staff on the design and installation of flood walls around the periphery of the two biofilters and interstage pumps to prevent inundation during a flooding event in accordance with the requirements of the existing and anticipated NPDES permit. This project will likely be deferred to the FY15/16 budget as staff will not be able to complete the work in this fiscal year.

CONCLUSION

Staff will continue to bring a status report on the development of the MMRP at future joint Council and District Board meetings.

AGENDA NO: C-2

MEETING DATE: April 30, 2015

CITY OF MORRO BAY-CAYUCOS SANITARY DISTRICT

NEW WATER RECLAMATION FACILITY (WRF)

Staff Report

DATE: April 27, 2015

TO: Honorable Mayor and City Council
Honorable President and Board of Directors, Cayucos Sanitary District

FROM: Rob Livick, PE/PLS - Public Services Director/City Engineer

SUBJECT: Review of Previous Morro Bay Efforts and Discussion of Five Year Plan for Working Cooperatively Towards Planning, Design, and Construction of a New Regional WRF at the Preferred Identified Location at Rancho Colina

RECOMMENDATION

Staff recommends the Council and District Board direct staffs to develop and publish notice of Requests for Proposals for Project Management and the Environmental Review Process; and agree to split the costs on a pro rata basis from January 2015 to completion of the Facility Master Plan, the Environmental Review process, and Project Management.

FISCAL IMPACT

The estimated cash flow needs for the development on a New WRF on the Rancho Colina site is \$2 million in 2015/2016 and \$2.7 million in 2016/2017 for Project Management, Fatal Flaws and to complete the Facilities Master Plan, Environmental Review and preparation of the bridging documents (30-percent design) so the project that can be put out for an alternative delivery method, i.e. design build by late 2017. Previously, the City and District agreed upon a 72-percent/28-percent split based on the Flow and Loads analysis contained in Amendment 2 for the previous Facilities Master Plan.

BACKGROUND/DISCUSSION

Since January 2013, the City has progressed towards the development of a Water Reclamation Facility (WRF) on a new site as illustrated in Attachment 1. This effort culminated on December 9, 2014 with the City Council expressing their preference for the site known as Rancho Colina for the development of the New WRF. On December 11, 2014 at the Joint meeting with the Cayucos Sanitary District, both the City Council and the Cayucos Sanitary District (CSD) agreed to move forward with the next steps with Rancho

Prepared by: RL Dept. Review: RL/RS/BK

City Manager Review: _____

City Attorney's Review: _____

Colina as the preferred site.

Factors influencing the decision regarding site selection have been detailed in the report prepared by John F. Rickenbach (JFR) Consulting with technical information provided by MKN and Associates, Carollo Engineers, Larry Walker and Associates, Cleath-Harris Geologists and Kestrel Consulting, and was presented to the City Council at their December 2014 meeting.

The final JFR report made a compelling argument the optimal site for the benefit of Morro Bay and our CSD partners, is the Rancho Colina site and with a total project cost for CMC doubling the Rancho Colina estimate, the proposed site at Rancho Colina appears to be the viable option. The next step in the process is to begin the Facilities Master Planning and Environmental review for the preferred project location. The information and knowledge gained through studying the California Men's Colony (CMC) is not without value, as it will be used in the environmental document as part of the required alternative analysis.

It should be noted that though the Rancho Colina site has been identified as the preferred location for purposes of moving forward with the environmental review process, neither the City nor the CSD has taken any steps that would commit the City to this particular location or to the project as a whole and will not take such actions until after the necessary environmental review under CEQA and potentially NEPA has been completed and the corresponding environmental documents have been certified/approved..

Since the Decision in December, the City has continued work to better define the proposed project and to tease out any potential fatal flaws with the preferred site. This work includes the following specialty consultants:

Firm	Specialty	Proposed (NTE) Fee
KMA	Biology/Wetlands	\$12,835
Fugro	Hydrogeology/Geotech	\$38,600
FarWestern	Archeology	\$12,000
JFR/MKN	Interim Project Management	\$44,279

Included in this report is the draft project schedule. This schedule is the most current one available at the time of this report. Please note that final property acquisition cannot occur until the environmental review process is complete and certified. Also, additions to the schedule include the LAFCO process and schedule impacts due to accommodating the Joint CSD/City Council meetings.

Proposed Next Steps

1. Work with the Cayucos Sanitary District for the release of separate Request for Proposals for Project Management and Environmental Review (CEQA/NEPA).
2. Coordinate with Coastal Commission, LAFCO and San Luis Obispo County regarding the annexation of the WRF site and permit coordination.

3. Develop an agreement with the Rancho Colina property owner for the purchase of the required property for the proposed. It should be noted the actual purchase cannot be completed until after the environmental document is certified.

CONCLUSIONS

In order to have the new WRF operational within the time frame established in Morro Bay City Council Resolution 17-14, it is critical the project team stays engaged in the process and continues to move forward with the items listed above as next steps.

ATTACHMENTS

1. Timeline of WRF events
2. Preliminary Cash flow Analysis from JFR Consulting report dated May 8, 2014
3. Draft Project Schedule

WRF Project Timeline
January 2013 - Present

Date	Action
April 30, 2015	<i>Scheduled Joint Meeting of the CSD Board of Directors and Morro Bay City Council for continued discussion regarding the MOU for the New WRF</i>
April 8, 2015	<i>Rate Notices to be Mailed out to all City property owners and residents</i>
April 8, 2015	<i>WRFCAC Meeting to appoint members to WRF FMP review committee</i>
March 24, 2015	<i>City Council Approves Proposition 218 Notice for Water and Sewer Rate Adjustments and Schedules Public Hearing for May 26, 2015</i>
March 19, 2015	<i>Issued Contract to KMA not to exceed \$12,835 for Preliminary Biological Assessment of Rancho Colina site and pipeline corridor.</i>
March 19, 2015	<i>Release RFP for WRF Facilities Master Planning</i>
March 11, 2015	<i>Joint Meeting of Morro Bay City Council and Cayucos Sanitary District Board of Directors in Cayucos</i>
February 25, 2015	JFR Contract Amendment #4 for \$44,279.00 to assist with fatal flaw analysis
February 25, 2015	Facilities Master Plan RFP Completed for internal staff review
February 23, 2015	CSD Legal Council transmitted CSD DRAFT MOU to City
February 19, 2015	Letter from Ken Harris, RWQCB regarding the New WRF project and deadline for operations.
February 19, 2015	Public Works Advisory Board – Second Water and Sewer Rate Study Workshop
February 11, 2015	WRFCAC Meeting to review MOU for Now
February 11, 2015	Scheduled Joint Meeting of Morro Bay City Council and Cayucos Sanitary District Board of Directors in Cayucos was canceled
February 5, 2015	Meeting between Morro Bay Council Subcommittee and Cayucos Sanitary District Board Sub Committee to Discuss the MOU for Now
January 29, 2015	Public Works Advisory Board – Water and Sewer Rate Study Workshop
January 26, 2015	Meeting with between Morro Bay and Cayucos Staff to discuss next steps and "MOU for Now"
January 26, 2015	Meeting with between Morro Bay Staff, JFR/MKN and City Council sub-committee to discuss next steps and "MOU for Now"
January 13, 2015	City Council to review "Next-Steps" and provide direction to Staff.
January 8, 2015	Staff presentation of the "Next-Steps" to the City Council and CSD Board
December 11, 2014	Staff presented to the City Council and the CSD Board of Directors the Final JFR report, including the CMC evaluation by Carollo Engineers. The CSD Board of Directors concurred that based on the information presented that the Rancho Colina site appeared the most viable and cost effective.
December 9, 2014	City Council meets to review the Final JFR report, including the CMC evaluation by Carollo Engineers. The City Council expresses their preference for Rancho Colina as their preferred site for the New WRF. The cost estimates indicated that the CMC site was nearly double that of the Rancho Colina site.
December 8, 2014	Carollo Engineers releases their Technical Memorandum regarding CMC WWTP capacity and necessary facility expansion to accommodate increase flows from City and CSD.
December 8, 2014	Meeting between MBNEP and City staff to discuss concerns regarding the siting of the WRF at CMC and increased pollutant loads to Chorro Creek.
December 8, 2014	Meeting between City staff and the WRF Technical Committee (Irons/Smukler) to review the project status.
December 1, 2014	Tour of the existing CMC facility with representatives from CDCR, CSD and the City.
November 19, 2014	Conference call between CDCR, CSD and Morro Bay staff regarding the logistics of siting at the CMC location.

New items are indicated by shading.

WRF Project Timeline
January 2013 - Present

Date	Action
November 18, 2014	Meeting between City and California Coastal Commission staff regarding a variety of projects in Morro Bay including the WRF siting.
November 13, 2014	Staff presented to the City Council and the CSD Board of Directors the status of the CMC Capacity Analysis and also updated the CSD Board on the City Council meeting of November 12, 2014
November 12, 2014	The City Council reviewed the draft report from John Rickenbach Consulting regarding final site preference. As the result of the report being incomplete, without the Carollo CMC engineering analysis including comparable cost estimates, the City Council choose to delay their decision on final site preference until such time that the report is complete and the WRFCAC has had a chance to review and make a recommendation.
November 5, 2014	The WRFCAC met and reviewed the draft report from John Rickenbach Consulting regarding final site preference. As the result of the report being incomplete, without the Carollo CMC engineering analysis including comparable cost estimates, the WRFCAC moved to recommend to City Council to delay their decision on final site preference until such time that the report is complete and the WRFCAC has had a chance to review and make a recommendation to the City Council.
October 28, 2014	Cleath-Harris and Associates presented the Hydrogeological Technical Memoranda regarding the relative benefits of a Creek discharge in the Chorro Valley and In-Lieu recharge in the Morro Valley to the City Council at their regular meeting.
October 22, 2014	Meeting of the WRFCAC where they reviewed the Hydrogeological Technical Memoranda by Cleath-Harris and Associates and toured the Rancho Colina site.
October 20, 2014	A conference call between Morro Bay, CSD, CMC, Regional Board and CDCR was held to discuss the viability and timing of a regional facility at CMC. At that meeting CDCR authorized the release of WWTP data to Carollo for their process modeling.
October 10, 2014	A project kick off meeting was held at the City's Public Services offices for the Carollo CMC work, City and CSD staff along with the City's consultants were in attendance.
October 9, 2014	Meeting between the Morro Bay City Council and the Cayucos Sanitary District Board of Directors Meeting in Cayucos. City Council directed, by motion, City staff to work cooperatively with Cayucos Sanitary District staff.
October 8, 2014	Meeting of the WRFCAC where they reviewed the LWA report regarding permitting constraints, Kestral Consulting report regarding financing and grants and they formed three technical subcommittees.
October 2, 2014	Meeting of the Morro Bay City Council Technical/Executive Committee and the Cayucos Sanitary District Board of Directors in Morro Bay
September 30, 2014	The Public Services director executed a contract with Carollo Engineers for the study of capacity and expansion capability at the CMC site.
September 26, 2014	Meeting with Bartle Wells (Sewer and Water Rate Consultant) regarding hearing schedule and additional data needs
September 25, 2014	Received final scope and estimated fee (\$101,945) from Carollo Engineers for the evaluation of the CMC option, Carollo requested changes to the standard City contract which are being reviewed by the City Attorney
September 23, 2014	City Council Special Meeting reviewed the Report by Larry Walker and Associates regarding the Water Quality permitting implications at each of the two final proposed sites. Council also discussed the potential of joint City Council/WRFCAC meetings and status of the CMC evaluation
September 11, 2014	Joint meeting of the Morro Bay City Council and the Cayucos Sanitary District Board of Directors Meeting in Morro Bay.
September 10, 2014	First Meeting of the WRFCAC
August 12, 2014	City Council confirmed Citizen Appointments to the WRFCAC

New items are indicated by shading.

WRF Project Timeline
January 2013 - Present

Date	Action
July 16, 2014	Kick off meeting with Larry Walker Associates regarding discharge permit requirements for various disposal/reuse options for the new WRF project.
July 10, 2014	Meeting with Cayucos Sanitary District staff to discuss the scope of work for the proposed Carollo Engineers CMC capacity evaluation study.
July 9, 2014	City Council conducted interviews for positions on the WRF Citizens Advisory Committee (WRFCAC). City Council appointed seven members to the WRFCAC.
June 30, 2014	Staff met internally to gather preliminary information for Bartle Wells Rate Study. Staff will have all info to Bartle Wells by the end of July.
June 27, 2014	Kick off meeting with Kestrel Consulting to discuss funding strategies for the new WRF project.
June 27, 2014	Meeting with Cleath-Harris to review draft Chorro Creek discharge study and effect on City water supply. Authorized Cleath-Harris to perform a similar study for the Morro Valley.
June 25, 2014	Meeting with John Rickenbach and Mike Nunley to discuss project schedule for the WRF project
June 20, 2014	City executed a contract with Larry Walker Associates in the amount of \$24,970 to advise the City regarding discharge permit requirements for various disposal/reuse options for the new WRF project.
June 15, 2014	City executed a contract with Kestrel Consulting in the amount of \$20,530 to develop funding strategies for the new WRF project.
June 14, 2014	Staff has met with a variety of alternative project delivery method firms to explore the requirements for this process, firm include: Carollo, CDMSmith; and Black and Veatch.
May 27, 2014	City Council adopted Resolution 34-14 that provides direction to staff regarding the "Rancho Colina" site, continuing parallel path discussion regarding the CMC site, and forming a Citizen's Advisory Committee.
May 23, 2014	Selected Bartle Wells as Water and Sewer Rate Study consultant. The estimated fee for the study is not to exceed \$67,440.
May 22, 2014	The City Clerk posted the notice of the formation of a new, limited term and scope, i.e. Water Reclamation Facility Citizen's Advisory Committee. Applications are due to the Clerk by Friday, June 13, 2014.
May 13, 2014	Council Approved New Water Reclamation Facility Project Report on Reclamation and Council Selection of a WRF Site and provided direction to staff to return to Council with a resolution that captured the motions made.
May 8, 2014	May JPA Meeting cancelled.
May 1, 2014	Scheduled site visit at Giannini site with WRF Subcommittee, JRF Consulting and Property Owner.
April 23, 2014	Meeting to review the "Rancho Colina" site with the Morro Bay and CSD Sub-Committees along with Water Board staff.
April 21, 2014	"Rancho Colina" site visit with staff and Council persons Leage and N. Johnson.
April 18, 2014	Letter sent to property owners of potential WRF sites, inviting a discussion regarding siting potential
April 11, 2014	"Rancho Colina" site visit with staff and Council person C. Johnson.
April 10, 2014	April JPA Meeting cancelled
March 21, 2014	Meeting between City of Morro Bay (Irons/Smukler) and CSD (Enns/Lloyd) Sub-Committees along with Morro Bay and CSD County and Water Board Staff to discuss overall project status and the CMC option.

New items are indicated by shading.

WRF Project Timeline
January 2013 - Present

Date	Action
March 20, 2014	WRF Sub-Committee meeting along with staff and property owner at the "Rancho Colina" Morro Valley site to get an overview of the potential for it as a project location.
March 10, 2014	March JPA Meeting cancelled.
March 6, 2014	Scheduled WRF Subcommittee meeting with staff to discuss grant opportunities and schedules.
February 28, 2014	Received a revised scope of work for a contract amendment received from Rickenbach recognizing the accelerated time schedule for the WRF. Estimated fees not to exceed \$76,129.
February 25, 2014	City Council received a status update on the New WRF and adopted Resolution 17-14 prescribing a 5-year time frame for the construction of the New WRF.
February 24, 2014	City Council Discussion of Eater and Sewer Rates at special Workshop and Council discussion and direction regarding City DRAFT MOU and CSD DRAFT MOU.
February 13, 2014	WRF Sub-Committee meeting to discuss the 5 year time schedule and grant opportunities.
February 13, 2014	February JPA Meeting held.
February 11, 2014	Mid-year Budget adjustment to include additional funding for WRF alternative site analyses. \$100,000 was approved.
January 31, 2014	Status report preparation assigned to Public Services Director.
January 29, 2014	Received proposal from Rickenbach for a contract amendment to perform due diligence on alternative WRF sites for final site selection. Estimated fees not to exceed \$63,806.
January 23, 2014	Onsite staff meeting with property owner at Rancho Colina to tour a potential location.
January 23, 2014	Telephone discussion with City's Water Attorney regarding water rights to creek discharge of wastewater.
January 20, 2014	Received proposal from Cleath-Harris to study Chorro Creek discharge and effect on City water supply. Estimated fees not to exceed \$7,500.
January 16, 2014	January JPA Meeting canceled.
December 19, 2013	December JPA Meeting held – Verbal update by both CMB and CSD.
December 10, 2013	Presentation of Options Report to City Council.
November 19, 2013	Meeting with RWCQB Staff regarding project Status and Permit Renewal.
November 14, 2013	November 2013 JPA Meeting Cancelled.
November 12, 2013	Presentation of Options Report to City Council.
November 5, 2013	Second Public Workshop – Presentation of Options Report for Public Feedback.
November 4, 2013	Public Works Advisory Board – Options Report to Board for Public Feedback.
October 29, 2013	Release of Public Draft – Options Report.
October 21, 2013	Quarterly Coastal Commission/City of Morro Bay Meeting.
September 27, 2013	October 2013 JPA Meeting cancelled.
September 16, 2013	Biosolids and Treatment Options Workshop at MB Veteran's Hall.
September 12, 2013	September JPA Meeting held.
August 19, 2013	Week ofmWorkshop Summary posted on City's website. Comments Form available on City's website for additional comments on the workshop and/or project.
August 15, 2013	Community Workshop #1 held at MB Veteran's Hall.
August 8, 2013	August JPA Meeting Cancelled.
July 25, 2013	Stakeholder Interviews conducted by Rickenbach team.

New items are indicated by shading.

WRF Project Timeline
January 2013 - Present

Date	Action
July 19, 2013	WSC Report entitled <u>Conceptual Wastewater Treatment Alternatives Technical Memorandum</u> commissioned by the Cayucos Sanitary District (CSD) released on the CSD website and delivered to the City. Report located at the following address: www.cayucossd.org/documents/Conceptual%20WW%20Treatment%20AltTM_CSD.pdf
July 18, 2013	Quarterly Coastal Commission/City of Morro Bay meeting, Rickenbach Team participated in review and discussion of the status of the WRF project.
July 11, 2013	July JPA Meeting Cancelled.
July 3, 2013	Tentative Schedule from Rickenbach for the New WRF posted online and available.
July 3, 2013	Working with Coastal Commission staff to finalize date for quarterly meeting/teleconference.
June 28, 2013	Work with Rickenbach to determine updated schedule pursuant to the scope of work in the RFP. Determination of Stakeholder groups/individuals.
June 24, 2013	Kick-off Meeting with John Rickenbach and team members.
June 13, 2013	JPA Meeting – Cayucos Veteran’s Hall.
May 28, 2013	Closed Session Item scheduled to discuss Righetti appraisal.
May 15, 2013	Public Services staff continues to work with John F. Rickenbach, Consulting to finalize the consultant contract
May 14, 2013	City Council meeting – Approval of John F. Rickenbach, Consulting as the Preliminary Planning Consultant for the WRF project.
May 9, 2013	May JPA meeting held, “Verbal Report by the City and District on the Progress of the future WWTP” was on the agenda and discussed.
May 2, 2013	Interviews to recommend the individual/team for the WRF project manage.
April 29, 2013	WRF Study Session at Veteran’s Hall.
April 25, 2013	Quarterly Meeting with California Coastal Commission staff, WRF discussion and status report on the meeting agenda.
April 25, 2013	Initial meeting with Selection Committee for the RFP for Planning Services for the WRF.
April 23, 2013	City Council meeting for the reaffirmation of 5 members of citizen selection committee.

Cost Cumulative Cost

ATTACHMENT 2

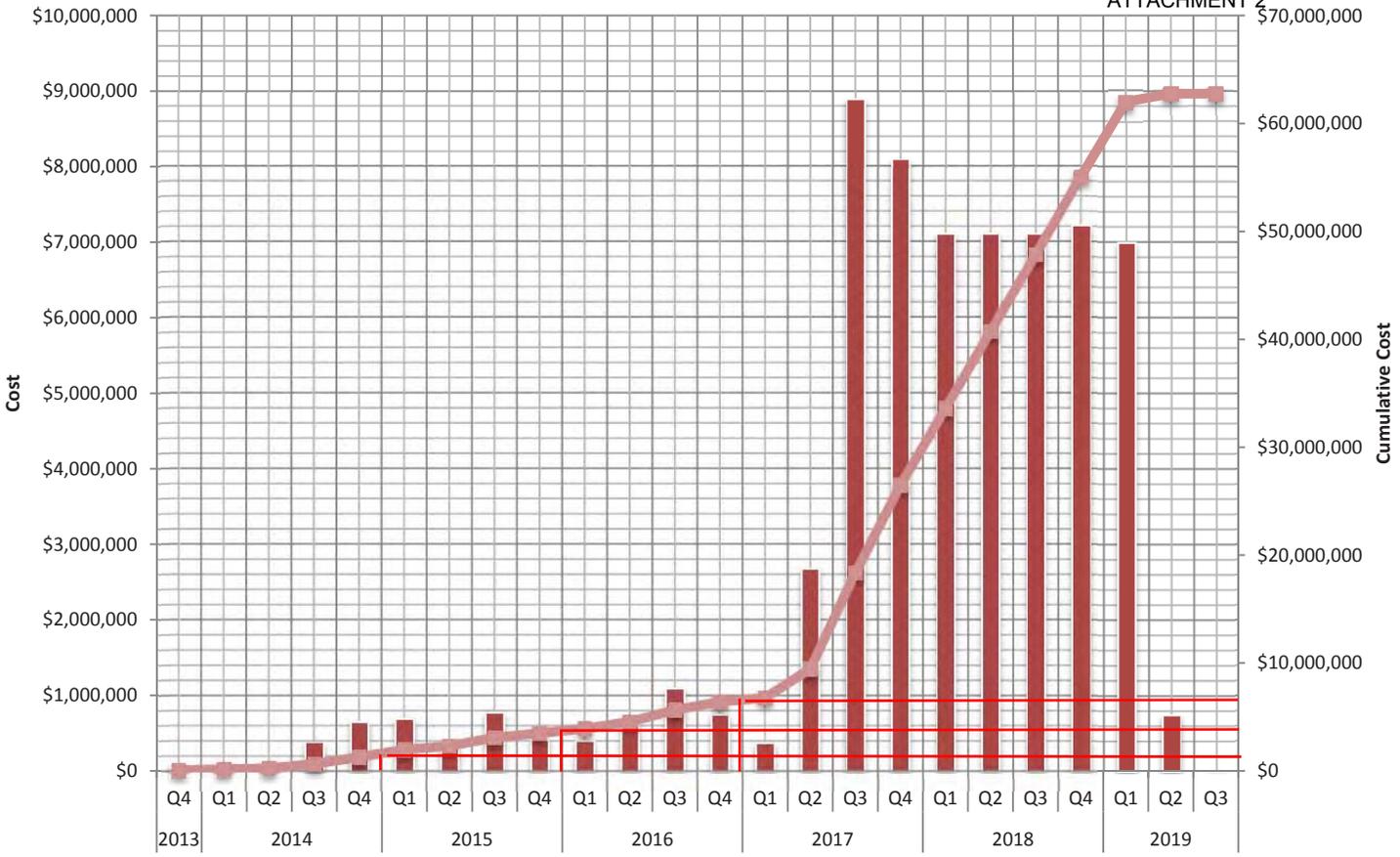


Figure 5 – Preliminary Cashflow Analysis

