



**CITY OF MORRO BAY  
WATER RECLAMATION FACILITY  
CITIZEN ADVISORY COMMITTEE (WRFCAC)  
AGENDA**

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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.

**Regular Meeting  
Wednesday, January 14, 2015  
Community Center Multi-Purpose Room - 3:00 P.M.  
1001 Kennedy Way, Morro Bay, CA**

Barbara Spagnola

Bill Woodson,  
Vice Chairperson

Dale Guerra

John Diodati, Chairperson

Mary (Ginny) Garelick

Paul Donnelly

Valerie Levulett

Planning Commission  
Member: Richard Sadowski

Public Works Advisory Board  
Member: Steven Shively

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

**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 Services Department at (805) 772-6264. 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 from the Water Reclamation Facility Citizen Advisory Committee meeting of December 3, 2014

**Staff Recommendation:** Approve minutes as submitted.

**B. OLD BUSINESS**

B-1 WRFCAC Sub-Committee Updates and Recommendations

Finance, Environmental and Engineering Sub-Committees to present their analyses and findings to the entire committee.

**Recommendation:** Receive and consider updates.

**C. NEW BUSINESS**

C-1 Water Reclamation Facility (WRF) Project Update; Including Review of Proposed Next Steps

**Recommendation:** Receive update and provide comments to staff.

**D. COMMITTEE MEMBER CLOSING COMMENTS**

**E. ADJOURNMENT**

Adjourn to the Water Reclamation Facility Citizen Advisory Committee meeting at the Community Center Multi-Purpose Room, 1001 Kennedy Way, on February 11, 2015, at 3:00 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 Services Department, 955 Shasta Avenue, for any revisions or call the department at 772-6264 for further information.

Materials related to an item on this Agenda are available for public inspection during normal business hours in the Public Services Department, at Mill's/ASAP, 495 Morro Bay Boulevard, or the Morro Bay Library, 695 Harbor, Morro Bay, CA 93442, or online at [www.morro-bay.ca.us/wrfcac](http://www.morro-bay.ca.us/wrfcac) . Materials related to an item on this Agenda submitted to the Committee after publication of the Agenda packet are available for inspection at the Public Services Department during normal business hours or at the scheduled meeting.



Rob Livick stated a draft from Mike Nunley has been received and the documents include both the analysis for the CMC site and a comparative analysis at the Rancho Colina site.

Mike Nunley stated there are two reports and the purpose of these reports was to provide comparable prices for each site. The CMC site is currently at capacity and cannot treat additional flow from Cayucos or Morro Bay.

Some of the general conclusions for the CMC site are that it would need:

- Two new oxidation ditches
- Additional clarifiers
- Additional tertiary filtration
- Additional ultra violet (UV) channels for disinfection and additional lamps for the UV
- Additional centrifuges for dewatering
- Add an intermediate pumping station
- Micro-filtration and reverse osmosis is required to remove brine to comply with the NPDES permit

CMC will take an additional two years to undergo the permitting and administration process. The pipeline cost to CMC is significantly higher than the cost of pipe to Rancho Colina.

For the Rancho Colina site there are two options, Rancho Colina option "A" and Rancho Colina option "B". Option "A" would provide tertiary treatment and disinfection. Option "B" would provide tertiary treatment, disinfection, de-nitrification, and grit removal.

John Diodati asked the Committee if there were any questions.

John Rickenbach clarified the City is looking at the CMC site regionally not City only.

Discussion continued between Committee members and the consultants regarding cost and types of pipe, sales of reclaimed water, missing figures in the report, tertiary blending treatment, project costs, permits to discharge to creeks, cost to rate payers, LCP policy regarding reclamation, distribution and cost of reclaimed water, water and sewer rate studies, property acquisition cost, peak hour flow and amount of flow, centrifuges versus screw press technology, Highway 41 Right of Way, environmental and cultural resource analysis, Proposition 1 Funds, lift station locations, and building a corp yard at Rancho Colina.

Rob Livick stated a letter received from the California Coastal Commission will be available for the public on the City's website later today. A copy of the letter was provided for the record.

John Diodati opened Public Comment.

Marla Jo Bruton Sadowski spoke about tertiary, primary and secondary treatments to remove potentially deadly components before the water goes into the ocean.

John Diodati closed Public Comment.

John Diodati Receive and File.

B-2 WRFCAC Sub-Committee Updates and Recommendations. Finance, Environmental and Engineering Subcommittees to present their analyses and findings to the entire committee.

Paul Donnelly, Environmental subcommittee member, presented a memo to the Committee which included environmental concerns for each site. Citing recent studies and approaching the comparison from a CEQA/NEPA perspective, the subcommittee identified many items that could be problematic for both sites and identified items that may have merit for both sites.

Barbara Spagnola, Finance subcommittee member, presented a memo commenting on Draft Reports for both sites. In summary, points were brought up including financial consideration, issues with contractual terms and conditions, negotiating contracts, RFP alternative, design, bid, build and operate finance process, obtaining a Congressional exemption from the population requirement for Proposition 1 funding, and suggested City Council delay making a decision until they receive finalized draft reports.

John Diodati opened Public Comment, and seeing none, closed Public Comment.

John Diodati Receive and File.

### C. NEW BUSINESS

C-1 Committee discussion and consideration of a recommendation to the City Council for site preference decision.

Rob Livick suggested to the committee to select a site at this meeting then present a site recommendation to City Council.

John Diodati listed eight primary issues that were discussed at this meeting:

- O & M costs and additional costs not listed in reports
- Possible co-equal EIR
- Creek discharge at Rancho Colina
- Alternative lift station sites
- Draft versus Final Reports
- Property acquisitions costs
- Costs of recycled water in the future
- Cancel next scheduled meeting

John Rickenbach stated the final drafts will be similar to the current draft. Construction costs are going to be higher at CMC due to the brine and reverse osmosis issues. There will be higher O & M costs at CMC based on longer pipelines and maintenance. Cost of recycled water will be addressed in the final draft.

Rob Livick clarified this committee will be meeting and make recommendations to City Council until construction begins.

Discussion continued between committee members and the consultants on the issues at both sites.

John Diodati opened Public Comment.

Dan Lloyd urged the committee to make a site decision because he believes City Council is going to make a decision at the next City Council meeting. He wanted to know what will be done with treated effluent water and stated reclaimed water is a commodity. He would like some research done on the archeological site.

Marla Jo Bruton Sadowski stated water is very valuable to Morro Bay.

John Diodati closed Public Comment.

Richard Sadowski made a motion to recommend to City Council the Rancho Colina site with the following conditions:

- Assumption that the cost of CMC in the Carollo report goes up
- The opportunity to discuss EIR strategies
- The cost of the property and disposal
- An evaluation of the environmental factors not to be a fatal flaw for this site
- Need a study to determine how far upstream in Morro Valley do we have to input sewer discharge to recharge the Morro wells to the point where they could be used as potable water
- Look at recharge options in Morro Creek

Dale Guerra seconded the motion and the motion passed 8-1, with a no vote from Paul Donnelly.

#### D. COMMITTEE MEMBER CLOSING COMMENTS

Richard Sadowski thanked John Rickenbach, Rob Livick and Mike Nunley for their work and is looking forward to getting this process going.

John Diodati stated the December 10, 2014 is cancelled.

#### E. ADJOURNMENT

The meeting adjourned at 6:19pm to the next regular WRFCAC meeting at the Community Center, Multi-Purpose Room, 1001 Kennedy Way, on Wednesday, January 14, 2015 at 3:00pm.

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John Diodati, Chairperson

ATTEST:

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Rob Livick, Secretary



AGENDA NO: C-1

MEETING DATE: January 14, 2015

# Staff Report

**DATE:** January 9, 2015  
**TO:** Water Reclamation Facility Citizens Advisory Committee  
**FROM:** Rob Livick, PE/PLS - Public Services Director/City Engineer  
**SUBJECT:** Water Reclamation Facility (WRF) Project Update; Including Review of Proposed Next Steps

## RECOMMENDATION

Staff recommends the WRFCAC review and provide any comments to staff regarding the current status and proposed next steps regarding the development of a WRF project proposal for the Rancho Colina.

## ALTERNATIVES

No alternatives are recommended.

## FISCAL IMPACT

The following is a summary of the existing contract with specialty consultants used to assist in the WRF site selection.

<i>JFR Consulting – Site Selection/Project Management Assistance</i>	
Original Contract	\$117,256
Amendment #1	\$76,129
Amendment #2	\$91,336
Amendment #3	\$23,147
<b>Total Contract</b>	<b>\$307,868</b>
<i>Kestrel Consulting – Assessment Funding</i>	
<b>Contract Amount</b>	<b>\$20,530</b>
<i>Larry Walker and Associates – Permitting Constraints</i>	
Original Contract	\$24,970
Amendment #1	\$5,100
<b>Total Contract</b>	<b>\$30,070</b>
<i>Cleath-Harris Associates – Stream Flow Augmentation</i>	
Contract Amount	\$7,500
Amendment #1	\$6,500
Amendment #2	\$4,000
<b>Total Contract</b>	<b>\$18,000</b>
<i>Carollo Engineers – CMC Capacity, Siting Evaluation and Cost Estimate (Proposed to be Reimbursed by RWQCB using SEP Funds)</i>	
<b>Total Contract</b>	<b>\$101,945</b>
<b>Total Consultant Contract Amount</b>	<b>\$478,413</b>

Prepared by: RL Dept. Review: RL

City Manager Review: \_\_\_\_\_

City Attorney's Review: \_\_\_\_\_

The estimated cash flow needs has been \$2 million in 2015 and \$2.7 million in 2016 in order 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. A water and sewer rate study in currently in progress in Morro Bay and to achieve success in the project, sewer rates will need to be increased to meet this cashflow need.

### **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 Colina as the preferred site.

Factors influencing the decision regarding site selection have been detailed in the report prepared by John F. Rickenbach (JFR) 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) site is not for naught, as it will be used in the environmental document as part of the required alternative analysis.

Included in this report is the draft project schedule. This schedule is the most current one available at the time of this report. Modifications to the schedule are required and include adjustments due to the delay of the final Carollo report and the Council preference decision occurring on December 9, 2014 and acknowledgement 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***

- Work with the Cayucos Sanitary District on an agreement for the next phase of the project development on the Rancho Colina Site for the Facilities Master Planning and Environmental Review phases including:
  - Defining of the roles of the City and CSD in the review the work of technical consultants.

- Establishes a cost sharing formula for the future expenditures.
  - Consider reimbursement due to both parties for work performed since January 2013 based upon the formula established in item b.
  - Considers what the ultimate relationship is between the two agencies including consideration of a customer/service provider relationship.
- Extend the contract with John F. Rickenbach Consulting for project management/facilitation, initial environmental and engineering work needed to fully develop the scope required for Facilities Master Planning and Environmental Review. The project management effort will include schedule updates, coordination with staff and technical consultants, document review, report preparation and presentations, as appropriate and other tasks, as necessary.
  - Engage the expertise of geotechnical/hydrogeological consultant that can further define any geotechnical site constraints and explore the details of groundwater recharge in the Morro valley.
  - Coordinate with Coastal Commission, LAFCO and San Luis Obispo County regarding the annexation of the WRF site and permit coordination.
  - Engage consultant(s) to review cultural, biological and other environmental issues in advance of the formal environmental process to mitigate or eliminate any unknown potentially fatal flaws.
  - 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.
  - With the assistance of the project management team, develop Request for Proposals for the development of a Facilities Master Plan for the proposed New WRF.
  - Work with the JFR and CSD team to develop Request for Proposals for the Environmental Review (pursuant to CEQA and potentially NEPA) for the proposed New WRF. The Environmental Review consultant should be brought in during the development of the project description in the FMP process.

This item was discussed at the January 8, 2014 Joint meeting of the Morro Bay City Council and the Cayucos Sanitary District. The City Manager emphasized four key items for that need to be brought forward to the next joint meeting:

- Joint agency project goals
- Prepare the “Agreement for Now” between the City and CSD
- Prepare the framework and options for the future governance/relationship between the City and CSD

- Prepare a framework and outline of the MOU with the Rancho Colina property owner for potential property negotiations.

Additionally staff will provide a verbal update of this topic from the January 13, 2015 City Council meeting.

### **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. To that end, it would behoove the City (and CSD) to continue to work with its existing consultant team JFR Consulting and MKN & Associates since they have the background and experience to help deliver a successful project.

### **ATTACHMENTS**

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

Date	Action
<i>January 13, 2015</i>	<i>City Council to review "Next-Steps" and provide direction to Staff.</i>
<i>January 8, 2015</i>	<i>Staff presentation of the "Next-Steps" to the City Council and CSD Board</i>
<i>December 11, 2014</i>	<i>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.</i>
<i>December 9, 2014</i>	<i>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.</i>
<i>December 8, 2014</i>	<i>Corollo Engineers releases their Technical Morandum regarding CMC WWTP capacity and necessary facility expansion to accommodate increase flows from City and CSD.</i>
<i>December 8, 2014</i>	<i>Meeting between MBNEP and City staff to discuss concerns regarding the siting of the WRF at CMC and increased pollutant loads to Chorro Creek.</i>
<i>December 8, 2014</i>	<i>Meeting between City staff and the WRF Technical Committee (Irons/Smukler) to review the project status.</i>
<i>December 1, 2014</i>	<i>Tour of the existing CMC facility with representatives from CDCR, CSD and the City.</i>
<i>November 19, 2014</i>	<i>Conference call between CDCR, CSD and Morro Bay staff regarding the logistics of siting at the CMC location.</i>
<i>November 18, 2014</i>	<i>Meeting between City and California Coastal Commission staff regarding a variety of projects in Morro Bay including the WRF siting.</i>
<i>November 13, 2014</i>	<i>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</i>
<i>November 12, 2014</i>	<i>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.</i>
<i>November 5, 2014</i>	<i>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.</i>
<i>October 28, 2014</i>	<i>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.</i>
<i>October 22, 2014</i>	<i>Meeting of the WRFCAC where they reviewed the Hydrogeological Technical Memoranda by Cleath-Harris and Associates and toured the Rancho Colina site.</i>
<i>October 20, 2014</i>	<i>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.</i>
<i>October 10, 2014</i>	<i>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.</i>

WRF Project Timeline  
January 2013 - Present

ATTACHMENT 1

Date	Action
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
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: Corollo, CDMSmith; and Black and Veatch.

New items are indicated as italics.

WRF Project Timeline  
January 2013 - Present

ATTACHMENT 1

Date	Action
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.
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 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.

New items are indicated as italics.

Date	Action
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.
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: <a href="http://www.cayucossd.org/documents/Conceptual%20WW%20Treatment%20AltTM_CSD.pdf">www.cayucossd.org/documents/Conceptual%20WW%20Treatment%20AltTM_CSD.pdf</a>
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.

WRF Project Timeline  
January 2013 - Present

ATTACHMENT 1

Date	Action
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.
April 16, 2013	Study Session on WRF facility announced for April 29, 2013.
April 15, 2013	RFP due.
April 11, 2013	April JPA meeting held, "Verbal Report by the City and District on the Progress of the future WWTP" and Discussion and Approval to Terminate the Consultant Services Agreements with Delzeit; Dudek, McCabe and Company; and Montgomery Watson Harza (MWH)" were on the agenda and discussed.
April 10, 2013	Addendum to RFP issued, re: selection committee
April 9, 2013	City Council meeting - appointment of 5 citizens for the RFP selection committee at City Council meeting.
April 5, 2013	Citizen selection committee deadline.
March 27, 2013	Announcement placed on City website, etc. regarding citizen selection committee application period.
March 26, 2013	City Council meeting - City Council approves citizens to serve on the RFP selection committee.
March 18, 2013	RFP issued.
March 14, 2013	City Council goal session, WRF established as Essential City Goal.
March 14, 2013	March JPA meeting held, "Status Report on the Discussion with RWQCB Staff Renewal Process for the WWTP NPDES Permit No. CA0047881" and "Verbal Report by the City and District on the Progress of the future WWTP" were on the agenda and discussed.
March 11, 2013	City Council goal session, WRF established as Essential City Goal.
February 26, 2013	City Council meeting - draft schedule/project timeline presented to City Council.
February 26, 2013	City Council directed staff to prepare an RFP for a project manager.
February 14, 2013	February JPA meeting held, "Discussion and Consideration of Next Steps for the WWTP Upgrade Project" was on the agenda and discussed.
January 24, 2013	City Staff, Morro Bay JPA Sub-Committee, Cayucos SD representatives, staff and attorney meet and discuss strategy and moving forward.
January 8, 2013	WWTP Project denied by the California Coastal Commission (CCC).
January 8, 2013	January JPA not held due to CCC meeting.
January 3, 2013	Special City Council meeting – City Adopted Resolution No. 07-13 supporting the California Coastal Commission staff recommendation for denial.

New items are indicated as italics.

Cost Cumulative Cost

ATTACHMENT 2

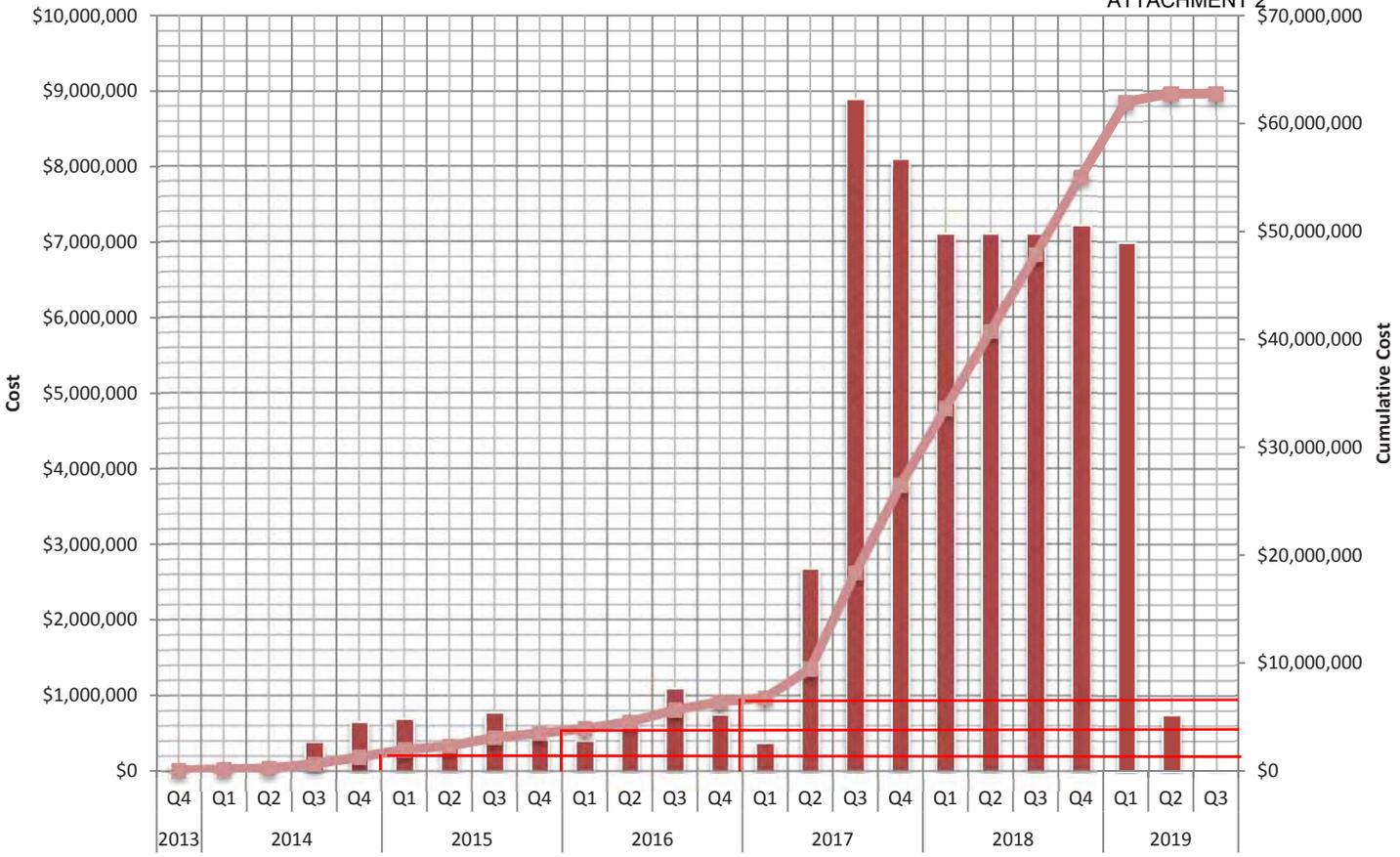


Figure 5 – Preliminary Cashflow Analysis

Morro Bay WRF Project Schedule

ID	Task Mode	Task Name	Duration	Start	Finish	2014				2015				2016				2017				2018				2019				2020			
						Q4	Q1	Q2	Q3																								
1		Council Direction re: Options Report	1 day	Tue 12/10/13	Tue 12/10/13																												
2		Site Evaluation Report - JFR	185 days	Thu 2/27/14	Wed 11/12/14																												
3		Site Selection	20 days	Thu 11/13/14	Wed 12/10/14																												
4		Property Negotiation and Acquisition	9 mons	Thu 11/13/14	Wed 7/22/15																												
5		CMC Evaluation - Carollo	53 days	Fri 10/3/14	Tue 12/16/14																												
6		Notice to Proceed	0 days	Fri 10/3/14	Fri 10/3/14																												
7		Draft Report	33 days	Fri 10/3/14	Tue 11/18/14																												
8		City Review	10 days	Wed 11/19/14	Tue 12/2/14																												
9		Final Report	10 days	Wed 12/3/14	Tue 12/16/14																												
10		Preliminary Permitting Constraints Analysis - LWA	71 days	Mon 6/23/14	Mon 9/29/14																												
11		Chorro Valley Benefits Analysis - CHG	30 days	Mon 8/25/14	Fri 10/3/14																												
12		Morro Valley Benefits Analysis - CHG	60 days	Mon 8/25/14	Fri 11/14/14																												
13		Evaluation of Delivery Method TM - JFR	85 days	Mon 8/11/14	Fri 12/5/14																												
14		Initial Grant/Loan Opportunities Assessment - Kestrel	78 days	Mon 6/23/14	Wed 10/8/14																												
15		Document Management System Evaluation - JFR	48 days	Wed 10/1/14	Fri 12/5/14																												
16		Initial Caltrans Coordination/Research for Pipeline Easements (HWY 41) - JFR	51 days	Fri 9/19/14	Fri 11/28/14																												
17		<b>City Council Decision on WRF Site</b>	<b>0 days</b>	<b>Wed 11/12/14</b>	<b>Wed 11/12/14</b>																												
18		RFP/Selection of Facilities Master Plan Consultant	60 days	Thu 12/11/14	Wed 3/4/15																												
23		Facilities Master Plan	186 days	Thu 3/5/15	Thu 11/19/15																												
24		Development of Bridging Documents	4 mons	Fri 11/20/15	Thu 3/10/16																												
25		RFP/Selection of Lift Station/Force Main Design Consultant	70 days	Fri 11/20/15	Thu 2/25/16																												
30		RFQ/RFP/Selection of Design/Build Team	120 days	Fri 1/8/16	Thu 6/23/16																												
35		Owner's Representative Support - Design Phase	12 mons	Fri 1/8/16	Thu 12/8/16																												
36		Design/Bid/Build Lift Station and Force Main	805 days	Fri 4/8/16	Thu 5/9/19																												
55		Phase I Design/Build Delivery	880 days	Fri 6/24/16	Thu 11/7/19																												
68		RFP/Selection of EIR/Permitting Team	70 days	Fri 11/20/15	Thu 2/25/16																												
73		EIR/Permitting	666 days	Thu 3/5/15	Thu 9/21/17																												
83		Phase II Recycled Water Distribution System	60 mons	Fri 11/8/19	Thu 6/13/24																												

File Name: Project Schedule\_5-Yr  
Date: Tue 11/4/14

Task		External Tasks		Manual Task		Finish-only	
Split		External Milestone		Duration-only		Deadline	
Milestone		Inactive Task		Manual Summary Rollup		Critical	
Summary		Inactive Milestone		Manual Summary		Critical Split	
Project Summary		Inactive Summary		Start-only		Progress	