



**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 consistent with and responsive to the needs of the public.*

**February 7, 2017  
Morro Bay Community Center Multi-Purpose Room – 3:00 P.M. to 5:00 P.M.  
1001 Kennedy Way, Morro Bay, CA**

John Diodati, Chairperson

Dale Guerra

Paul Donnelly

Barbara Spagnola

Mary (Ginny) Garelick

Valerie Levulett

Planning Commission  
Member: Richard Sadowski

Public Works Advisory Board  
Member: Stephen Shively

ESTABLISH QUORUM AND CALL TO ORDER  
MOMENT OF SILENCE/PLEDGE OF ALLEGIANCE  
ANNOUNCEMENTS/PRESENTATIONS  
ELECTION OF CHAIRPERSON AND VICE-CHAIRPERSON

**PUBLIC COMMENT PERIOD**

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

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

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

**A. CONSENT CALENDAR**

- A-1 Approval of minutes from the Water Reclamation Facility Citizen Advisory Committee meeting of January 3, 2017

**Recommendation:** Approve minutes as submitted.

B. BUSINESS ITEMS

B-1 Program Status Update

**Recommendation:** Staff recommends WRFCAC receive and file the status report of the WRF program.

B-2 Hydrogeologic Study Update

**Recommendation:** Staff recommends WRFCAC review the update of various hydrogeologic studies pertaining to water reuse and provide and questions or comments to be considered in the Master Water Reclamation Plan.

C. COMMITTEE MEMBER CLOSING COMMENTS

D. ADJOURNMENT

Adjourn to the regular Water Reclamation Facility Citizen Advisory Committee meeting at the Morro Bay Veteran's Memorial Building, 209 Surf Street, on March 7, 2017, at 3:00 p.m.

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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 Mill's/ASAP, 495 Morro Bay Boulevard, or the Morro Bay Library, 695 Harbor, Morro Bay, CA 93442.

This agenda may be found on the Internet at: [www.morrobayca.gov/wrfcac](http://www.morrobayca.gov/wrfcac) 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.morrobay.ca.us/notifyme](http://www.morrobay.ca.us/notifyme) and follow the instructions.

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 Works Department during normal business hours or at the scheduled meeting.

MINUTES – WATER RECLAMATION FACILITY CITIZEN ADVISORY COMMITTEE (WRFCAC)  
REGULAR MEETING – JANUARY 3, 2017  
VETERAN'S MEMORIAL BUILDING – 3:00 to 5:00 P.M.

PRESENT: Dale Guerra  
Barbara Spagnola  
Valerie Levulett  
Richard Sadowski  
Steve Shively

ABSENT: Mary (Ginny) Garelick  
Paul Donnelly  
John Diodati

STAFF:	Rob Livick	Public Works Director
	Mike Nunley	WRF Program Manager
	John Rickenbach	WRF Deputy Program Manager
	Gina Gregory	Office Assistant

ESTABLISH QUORUM AND CALL TO ORDER  
The meeting was called to order at 3:01 p.m. and a quorum was present.

MOMENT OF SILENCE/PLEDGE OF ALLEGIENCE  
ANNOUNCEMENTS – None

PUBLIC COMMENT  
<https://youtu.be/Lmx2sCI0y6o?t=2m9s>

The public comment period was opened and closed.

A. CONSENT AGENDA  
<https://youtu.be/Lmx2sCI0y6o?t=2m17s>

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

**MOTION:**  
Steve Shively moved to approve Item A-1. The motion was seconded by Dale Guerra and carried 5-0.

Richard Sadowski commented that some of the items mentioned in last months ending comments regarding exfiltration did not show up in the minutes and that they can be found in the YouTube video.

Barbara Spagnola clarified that the website Richard Sadowski gave in the minutes for more on the Water Reclamation Facility Community Advisory Committee is not associated with the Water Reclamation Facility Community Advisory Committee or its Finance Sub-Committee, noting it is an information site only.

Richard Sadowski responded that all data on the website he referenced was received through a public records request from the City.

B. BUSINESS ITEMS

B-1 Program Status Update  
<https://youtu.be/Lmx2sCI0y6o?t=4m20s>

Mike Nunley presented the Program Status Update.

Discussion, comments and questions continued amongst committee members and staff.

Committee Members were encouraged to provide additional comments and questions to staff.

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

B-2 Request for Proposal – Engineering Services for WRF Lift Station, Force Main, and Brine/Wet Weather Disposal Pipeline

<https://youtu.be/Lmx2sCl0y6o?t=24m17s>

Mike Nunley, John Rickenbach presented the Request for Proposal for Engineering Services for WRF Lift Station, Force Main, and Brine/Wet Weather Disposal Pipeline.

Discussion, comments and questions continued amongst committee members, staff, and consultants.

Committee members were encouraged to submit questions and concerns to the staff in writing by January 13<sup>th</sup>, as the Request for Proposal would be released by January 24<sup>th</sup>.

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

B-3 Contract Amendment for Program Management Services

<https://youtu.be/Lmx2sCl0y6o?t=58m19s>

Mike Nunley presented the Contract Amendment for Program Management Services.

Discussion, comments and questions continued amongst committee members and staff.

Committee members were encouraged to submit questions and concerns to the staff in writing by January 13<sup>th</sup>.

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

C. COMMITTEE MEMBER CLOSING COMMENTS

<https://youtu.be/Lmx2sCl0y6o?t=1h26m58s>

Richard Sadowski suggests a California Coastal Commission Representative is invited to come to an open forum/meeting so the public can see what their position is and to have an open dialog with them. Secondly, he requested an electronic copy of the Cleath & Associates 2001 Drinking Water Source Assessment Protection for City Wells document to review as he felt flow study information was misinterpreted. Richard stated the data for his website comes from the City, noting if we do not build the right plant, right size and right location, we will be doing the citizens a disservice.

John Rickenbach stated they can speak with coastal staff they would be happy to invite them to come to the meetings and will convey this discussion with them.

Steve Shively requested an item be added to the next agenda to elect a new Vice Chair as John has a day job and often it's hard for him to make it to the meetings. He also clarified he was not questioning Richard Sadowski's facts or figures, but was questioning the asking of questions to put staff on the spot when they could be asked in advance so staff could be better prepared to answer them at the meeting.

Val Levulett noted that Bill will be missed, along with his insight and ability to lead the group.

Barbara Spagnola also thanked Bill Woodson for his support on the Committee and requested the election of Vice Chair be put on the next agenda.

ADJOURNMENT

The meeting adjourned at 4:33 p.m. The next Regular Meeting will be held on Tuesday, February 7, 2017 at 3:00p.m. at the Veteran's Memorial Building located at 209 Surf Street, Morro Bay, CA.



AGENDA NO: B-1

MEETING DATE: February 7, 2017

# Staff Report

**DATE:** February 1, 2017  
**TO:** Water Reclamation Facility Citizens Advisory Committee  
**FROM:** Mike Nunley, PE – Water Reclamation Facility (WRF) Program Manager  
**SUBJECT:** WRF Program Update

## **RECOMMENDATION**

Staff recommends WRFCAC receive and file the status report of the WRF program..

## **ALTERNATIVES**

No alternatives are recommended.

## **FISCAL IMPACT**

No additional fiscal impact is proposed within this update. All work is proceeding within the City's fiscal year budget for the Water Reclamation Facility.

## **DISCUSSION**

With the denial of the permit for the WWTP project in its current location, the City has embarked on a process for a new WRF. This staff report provides the following:

- Review of what has occurred to date. See the list of major milestones or accomplishments since the last update to City Council below. This summary is typically provided each month.
- Update on program schedule

## **Accomplishments and Milestones**

The City's Program Management team and technical consultants performed the following tasks since the December program update:

- Completed optimization runs of the Lower Morro Valley groundwater model and received administrative draft report summarizing modeling results from GSI Water Solutions, Inc. See Item B-2
- Completed and released request for proposals for engineering services for the WRF lift station and pipelines
- Updated program schedule
- Completed administrative draft Alternatives Evaluation for the Master Reclamation Plan and submitted to City staff for review
- Assisted Bartle Wells Associates with development of a scope for the rate study

Prepared By:   MN  

Dept Review:   RL

## Program Schedule Update

FY 16/17 activities are primarily planning, permitting, and procurement of consultants for elements of the Phase I WRF. Specific objectives include completion of the Facility Master Plan, Master Reclamation Plan, initial review and procurement activities for the design-build team, preliminary design, technical studies and initial drafts of the Environmental Impact Report, and procurement of the State Revolving Fund Planning and Design Loan.

The anticipated schedule for significant milestones and Council decisions is summarized below and all critical path efforts are on schedule. An updated program schedule is attached.

Item	Date
Draft Master Water Reclamation Plan	March 2017
Confirmation of Phase I and Phase II WRF Budget	April 2017
Council Selection and Award for Phase I WRF Offsite Improvements (Lift Station and Pipelines)	April 2017
RFQ for Design/Construction of Phase I WRF Onsite Improvements	June 2017
Release of Public Draft EIR	August 2017
RFP for Design/Construction of Phase I WRF Onsite Improvements	October 2017
Certification of Final EIR (Critical Timeline for Grant Pursuit)	November 2017
Negotiation/Award of Contract for Phase I WRF Onsite Improvements	May 2018
Award of Contract for Construction of Phase I Offsite Improvements (Lift Station and Pipelines)	April 2019
Completion of Phase I WRF Improvements	May 2021

Revisions are highlighted on the attached program schedule. The following notes briefly describe the revisions:

- Items 58-61 and 68 (Master Reclamation Plan) – The expanded groundwater modeling (Item 68) was accelerated by GSI Water Solutions and the Program Management Team and will be completed 6 weeks before originally scheduled. Therefore, the administrative draft Master Reclamation Plan was intentionally delayed to incorporate more of those findings and provide a complete alternatives evaluation. This did not affect the date for public release of the draft Master Reclamation Plan (March 21, 2017)
- Item 100 (Offsite Support Facilities (PS) Visual Simulations) – The Facility Master Plan team is completing visual simulations for the proposed lift station near the existing Wastewater Treatment Plant site. It was initially scheduled for completion at the release of the Draft Facility Master Plan. This effort will inform the design of the new lift station but the final site selection and design, including architectural features, will be confirmed through the design process.
- Item 111 – Final Facility Master Plan – Completion of the final Plan, signed and sealed by a licensed engineer, will follow certification of the Environmental Impact Report (EIR) as recommended by the City attorney. Final edits will be informed by public comments received after the draft was released in November 2016; by the EIR; and by the permitting process.
- Items 112 through 117 (Rate Study Update) – These items were added.
- Items 169 through 173 (Development of Bridging Documents/Performance Criteria) – The development of these preliminary design documents, which will be included in the procurement package for a design-build team, will begin when the contract amendment for Program Management is approved by Council.

## **ATTACHMENT**

Updated Program Schedule (as of January 30, 2017)

Morro Bay Water Reclamation Facility Project  
Program Schedule

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	% Complete	4Q14	1Q15	2Q15	3Q15	4Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	
1	✓	Preliminary Project Planning/Site Studies	269 days	Tue 12/10/13	Fri 12/19/14		100%																														
15	✓	City Council Decision on WRF Site	0 days	Tue 6/14/16	Tue 6/14/16		100%																														
16		Property Negotiation	400 days	Tue 6/14/16	Mon 12/25/17		65%																														
17	✓	South Bay Boulevard Site	90 days	Tue 6/14/16	Mon 10/17/16		100%																														
18	✓	Fatal Flaw Assessments	45 days	Tue 6/14/16	Mon 8/15/16	15	100%																														
19	✓	Survey	29 days	Wed 6/22/16	Mon 8/1/16		100%																														
20	✓	MOU Negotiation	90 days	Tue 6/14/16	Mon 10/17/16	15	100%																														
21		Property Procurement	20 mons	Tue 6/14/16	Mon 12/25/17	157FF+1 mon,15	50%																														
22	✓	RFP/Selection of Program Management Consultant	20.4 wks	Mon 3/23/15	Tue 8/11/15		100%																														
23		Task 106 - Grant and Loan Pursuit and Management	823 days	Wed 7/15/15	Fri 9/7/18	22	54%																														
43	✓	Task 108 - Select and Implement PM System	94 days	Wed 8/12/15	Mon 12/21/15	22	100%																														
44	✓	Task 109 - Development of Program Office	8 wks	Wed 8/12/15	Tue 10/6/15	22	100%																														
45		Task 201 - Master Reclamation Plan	525 days	Fri 5/15/15	Thu 5/18/17		82%																														
46	✓	Phase 2 Task 4 - Feasibility Screening of Lower Morro Valley	68 days	Wed 9/9/15	Fri 12/11/15		100%																														
49	✓	Phase 2 Task 5 - Subsurface Investigation	40 days	Wed 9/9/15	Tue 11/3/15		100%																														
50	✓	Reconnaissance of Reuse Opportunities in Morro and Chorro Valleys	55 wks	Mon 12/14/15	Fri 12/30/16	48	100%																														
51		Salinity Identification and Control Plan	471 days	Fri 5/15/15	Fri 3/3/17		91%																														
52	✓	Salinity Source Identification Study (LWA)	103 days	Fri 5/15/15	Tue 10/6/15		100%																														
53	✓	Draft Salinity Source Control Plan (LWA)	44 days	Fri 4/1/16	Wed 6/1/16	52FS+6.35 mons	100%																														
54	✓	City Staff Review	30 days	Thu 6/2/16	Wed 7/13/16	53	100%																														
55	✓	Final Salinity Source Control Plan (LWA)	60 days	Thu 7/14/16	Wed 10/5/16	54	100%																														
56		Development of Softener Control Plan Outreach Materials and Ordinance	107 days	Thu 10/6/16	Fri 3/3/17	55	71%																														
57	✓	Market Assessment & Supply Availability	102 days	Thu 7/14/16	Fri 12/2/16		100%																														
58	✓	Alternatives analysis and recommended project	144 days	Thu 7/14/16	Tue 1/31/17		100%																														
59		Legal and institutional issue review	4 wks	Wed 2/1/17	Tue 2/28/17	58	0%																														
60		Environmental checklist	4 wks	Wed 2/1/17	Tue 2/28/17	58	0%																														
61		Internal administrative draft Master Reclamation Plan	58 days	Fri 11/11/16	Tue 1/31/17		0%																														
62		Implementation/financing plan	4 wks	Wed 2/1/17	Tue 2/28/17	58	0%																														
63		City staff review of internal administrative draft MRP	11 days	Wed 2/1/17	Wed 2/15/17	61	0%																														
64		Administrative draft MRP submittal to SWRCB	0 days	Wed 2/15/17	Wed 2/15/17	63	0%																														
65		Public Release Draft Master Reclamation Plan	24 days	Thu 2/16/17	Tue 3/21/17	64	0%																														
66		Mid-course meeting with SWRCB	0 days	Fri 4/14/17	Fri 4/14/17	65	0%																														
67		Draft Final Master Reclamation Plan	24 days	Mon 4/17/17	Thu 5/18/17	66	0%																														
68		Expanded Groundwater Modeling	7 mons	Mon 8/1/16	Fri 2/10/17	50FS-5.5 mons	90%																														
69	✓	RFP/Selection of Facilities Master Plan Consultant	155 days	Thu 12/11/14	Wed 7/15/15		100%																														
77		Task 204 - Facilities Master Plan Coordination	623 days	Wed 7/15/15	Fri 12/1/17		91%																														
78	✓	Background and Support Documentation to Date	2 days	Wed 7/15/15	Thu 7/16/15	76	100%																														
79	✓	Historical and Current WW Flow and Constituent Loading Data	8 days	Wed 7/15/15	Fri 7/24/15	76	100%																														
80	✓	201.1 – TM – Summary of Reviewed Documents	40 days	Thu 7/16/15	Wed 9/9/15	76	100%																														
81	✓	401.1/402.1 – TM – Influent Waste Characterization, Sampling Program, Flow Projections	46 days	Thu 7/16/15	Thu 9/17/15	76	100%																														

MB WRF Project Schedule  
Date: Sun 1/29/17

Task		Inactive Task		Start-only		Path Driven Successor Normal Task		Path Driven Successor Milestone Task	
Split		Inactive Milestone		Finish-only		Path Predecessor Milestone Task		Critical	
Milestone		Inactive Summary		Deadline		Path Driving Predecessor Milestone Task		Critical Split	
Summary		Manual Task		Path Successor Milestone Task		Path Predecessor Summary Task		Progress	
Project Summary		Duration-only		Path Successor Summary Task		Path Driving Predecessor Summary Task			
External Tasks		Manual Summary Rollup		Path Driven Successor Summary Task		Path Predecessor Normal Task			
External Milestone		Manual Summary		Path Successor Normal Task		Path Driving Predecessor Normal Task			







AGENDA NO: B-2

MEETING DATE: February 7, 2017

# Staff Report

**DATE:** February 1, 2017  
**TO:** Water Reclamation Facility Citizens Advisory Committee  
**FROM:** Mike Nunley, PE – Water Reclamation Facility (WRF) Program Manager  
**SUBJECT:** Hydrogeologic Update

## **RECOMMENDATION**

Staff recommends WRFAC review the update of various hydrogeologic studies pertaining to water reuse and provide questions or comments to be considered in the Master Water Reclamation Plan.

## **ALTERNATIVES**

No alternatives are recommended.

## **FISCAL IMPACT**

No additional fiscal impact is proposed. All work is proceeding within the City's fiscal year budget for the Water Reclamation Facility.

## **DISCUSSION**

The City hired GSI Water Solutions, Inc., to perform an evaluation of water supply augmentation or recycled water exchange opportunities in the Chorro Valley and Morro Valley basins.

GSI is completing three studies related to the WRF Project:

- Evaluation of alternative disposal/recharge concepts in Morro Valley
- Evaluation of alternative disposal/recharge concepts in Chorro Valley
- Model development and analysis of the Lower Morro Valley groundwater basin

The results from their work will inform the draft Master Reclamation Plan, which will be completed in March.

Paul Sorensen, Principal Hydrogeologist with GSI, will present draft findings from their work.

Prepared By:   MN  

Dept Review:   RL