



Item B-3 Review of Water Reclamation Facility Capital Update Report

Morro Bay, CA
April 24, 2019

Recommendations



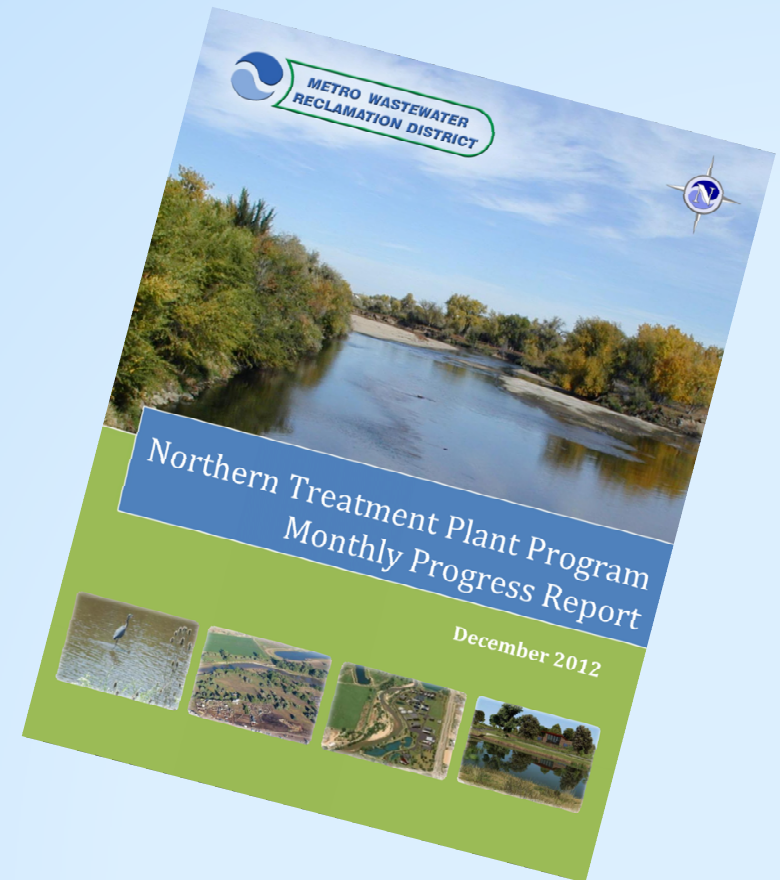
- Receive the March 2019 Monthly Status Report (Q3 FY 18/19 Status Report) for the Water Reclamation Facility and provide feedback



Overview of February 26th City Council Meeting

Example reporting format

- Key metrics
 - Cost
 - Schedule
 - Project Specific Activities
- Frequency
 - Monthly
 - Quarterly
 - Annual
- Audience
 - Council
 - Public
 - Funding Agencies (i.e., WIFIA, SRF, etc.)

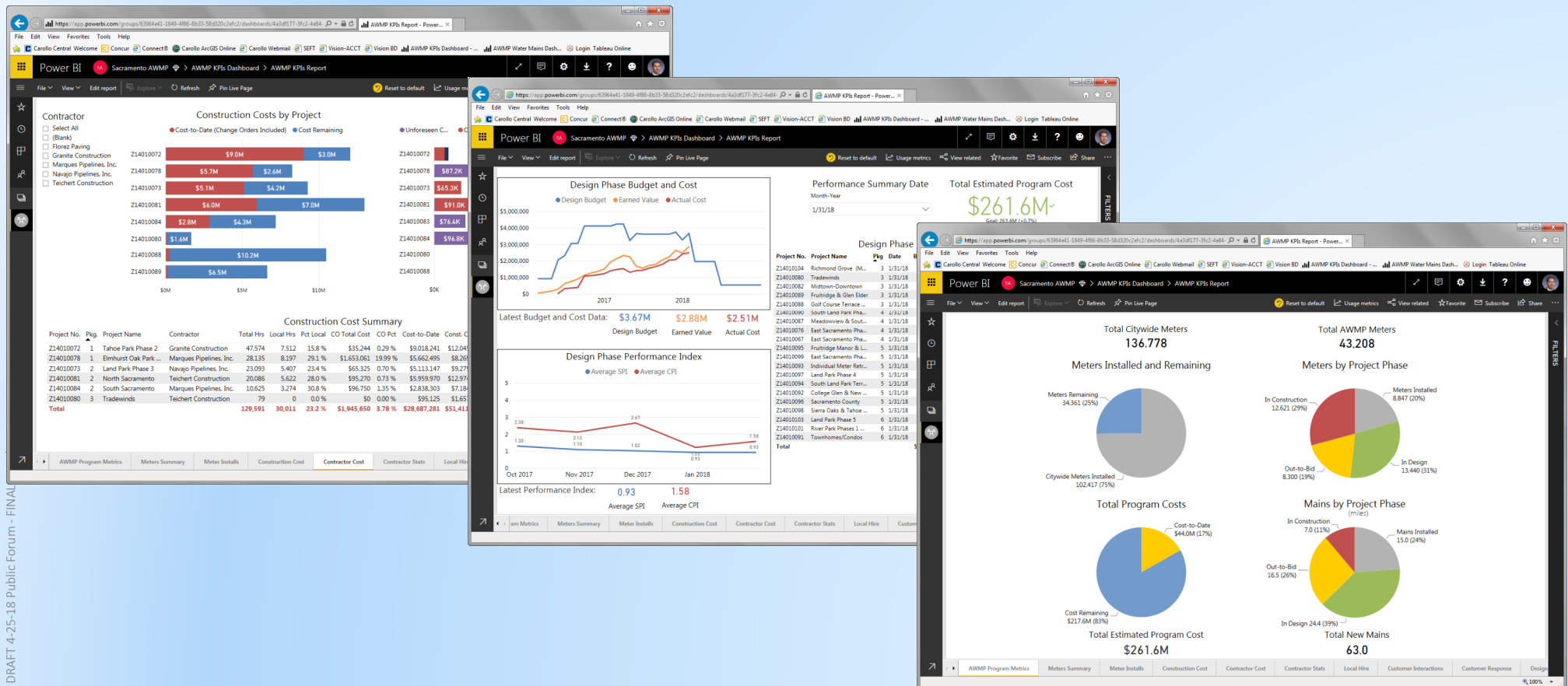


Project key performance indicators

KPI Scorecard

KPI	Description	Target	Current	Status	Trend	Green	Yellow	Red	Data Source
Final BOD Report Completion	Final BOD Report submission date	13-Sep-16	12-Oct-16	✗	➡	Progress schedule date at or BEFORE approved Baseline schedule date	Progress schedule date <= 14 days AFTER approved Baseline schedule date	Progress schedule date > 14 days AFTER approved Baseline schedule date	P6 schedule
Phase I Completion	Phase I Substantial Completion date	31-Aug-21	31-Jan-22	✗	➡	Progress schedule date at or BEFORE approved Baseline schedule date	Progress schedule date AFTER approved Baseline schedule date but BEFORE Contract date	Progress schedule date AFTER Contract date	P6 schedule (draft BODR)
Phase II Completion	Phase II Substantial Completion date	30-Jun-24	31-Jan-25	✗	➡	Progress schedule date at or BEFORE approved Baseline schedule date	Progress schedule date AFTER approved Baseline schedule date but BEFORE Contract date	Progress schedule date AFTER Contract date	P6 schedule (draft BODR)
Environmental Permitting	Environmental Permit issue date - TBD	30-Mar-17	30-Mar-17	✓	➡	Progress schedule date at or BEFORE approved Baseline schedule date	Progress schedule date <= 14 days AFTER approved Baseline schedule date	Progress schedule date > 14 days AFTER approved Baseline schedule date	P6 schedule
D-B Financial Performance	D-B project costs vs budget	\$1.105	\$1.500	✗	➡	Estimate at Completion <= 95% of project budget	Estimate at Completion > 95% but <= project budget	Estimate at Completion > project budget	Component 1 Cost Model (draft BODR)
Cost Performance Index	CPI	1.00	1.00	✓	➡	CPI >= 1.0	1.0 < CPI >= .95	CPI < .95	Earned Value Reporting
Schedule Performance Index	SPI	1.00	1.00	✓	➡	SPI >= 1.0	1.0 < SPI >= .95	SPI < .95	Earned Value Reporting
Monthly D-B Report	D-B Monthly Report submittal	15-Dec-16	15-Dec-16	✓	➡	Report submitted on or before agreed to due date	Report submitted no later than 7 days after agreed to due date	Report not submitted or submitted later than 7 days after agreed to due date	Report submittal date
Project Report	Project Monthly Report issuance	21-Dec-16	21-Dec-16	✓	➡	Report issued on or before agreed to date	Report issued no later than 7 days after agreed to date	Report not issued or issued later than 7 days after agreed to date	Report submittal date
Action Item Closure	Assigned Action Items closed in required time	100%	98%	✓	➡	>= 95% of Action Items closed on or before defined due date	>95% but <= 80% Action Items closed on or before defined due date	<80% of Action Items closed on or before defined due date	Action Item Log
Meeting Minutes	Meeting Minutes with Action Items and Decisions documented in PMIS	100%	98%	!	➡	100% of Meeting Minutes with Action Items/Decisions posted in 7 days or less of meeting	>100% but <= 95% of Meeting Minutes with Action Items/Decisions posted in 7 days or less of meeting	>95% of Meeting Minutes with Action Items/Decisions posted in 7 days or less	PMIS
Safety	TBD	0	0	✓	➡				
Risk	Risks with Post-Mitigation Risk Rating Severe or higher	0	0	✓	➡	Zero risks have a post-mitigation Risk Rating of Severe or Worst Case	>= 1 risks have a post-mitigation Risk Rating of Severe but none rated Worst Case	>= 1 risks have a post-mitigation Risk Rating of Worst Case	Project Risk Register

Reliance on dashboard and graphics



Input received regarding format



- General
 - Less comprehensive on a monthly basis vs. quarterly basis
 - Executive summary
 - Reliance on graphics and visuals
 - Key accomplishment and challenges
 - Dashboard
- Financial Information
 - Budget to actual
 - Cashflow



Monthly Report Components

Key accomplishments and challenges

Key Accomplishments	Critical Challenges
<u>General Program</u>	
<ul style="list-style-type: none"> Initiating SHPO coordination Kick-off for the FEIR addendum 	<ul style="list-style-type: none"> CCC meeting moved from May to July 2019 (to be hosted in SLO County)
<u>Water Reclamation Facility</u>	
<ul style="list-style-type: none"> Negotiation of potential change orders 	
<u>Conveyance Facilities</u>	
<ul style="list-style-type: none"> Advancement of the 60-percent design 	<ul style="list-style-type: none"> Access for field investigations (geotechnical and surveying)
<u>Recycled Water Facilities</u>	
<ul style="list-style-type: none"> Draft results for the Phase 1 hydrogeological study 	<ul style="list-style-type: none"> Access for p

Add actions to overcome challenges and likely outcomes

Project dashboard

- Financial KPI designations modified
- General Program cost numbers modified

Performance Measure					Status	ⓐ	ⓑ	ⓒ
1: Total Project Costs					ⓐ	Estimated cost within 5% of target budget	Estimated cost > 5% above target budget	Estimated cost > 10% above target budget
1.1: WRF Costs					ⓐ	Estimated cost within 5% of target budget	Estimated cost > 5% above target budget	Estimated cost > 10% above target budget
1.2: Conveyance Facilities Costs	Conveyance Facilities Projected Costs versus Actual Cost-to-Date (thru 3/31/19)	\$26.3 M	\$29.5 M	11.8%	ⓒ	Estimated cost within 5% of target budget	Estimated cost > 5% above target budget	Estimated cost > 10% above target budget
1.3: Recycled Water Facilities Costs	Off Site Injection Facilities Projected Costs versus Actual Cost-to-Date (thru 3/31/19)	\$12.1 M	\$5.7 M	-52.9%	ⓐ	Estimated cost within 5% of target budget	Estimated cost > 5% above target budget	Estimated cost > 10% above target budget
1.4: General Program Costs	Program Management Projected Costs versus Actual Cost-to-Date (thru 3/31/19)	\$10.5 M	\$11.5 M	9.5%	ⓑ	Estimated cost within 5% of target budget	Estimated cost > 5% above target budget	Estimated cost > 10% above target budget
2: Conveyance Pipeline Installed	Feet of conveyance pipeline installed (thru 3/31/19)	18,500 LF	0.0 LF	0.0%	ⓐ			
3: Compliance Date Countdown	Days Remaining to Compliance Date (as of 3/31/19)	1,795 days	1,321 days	-474 days	ⓐ			

Add an explanation (footnotes) for major changes to KPIs

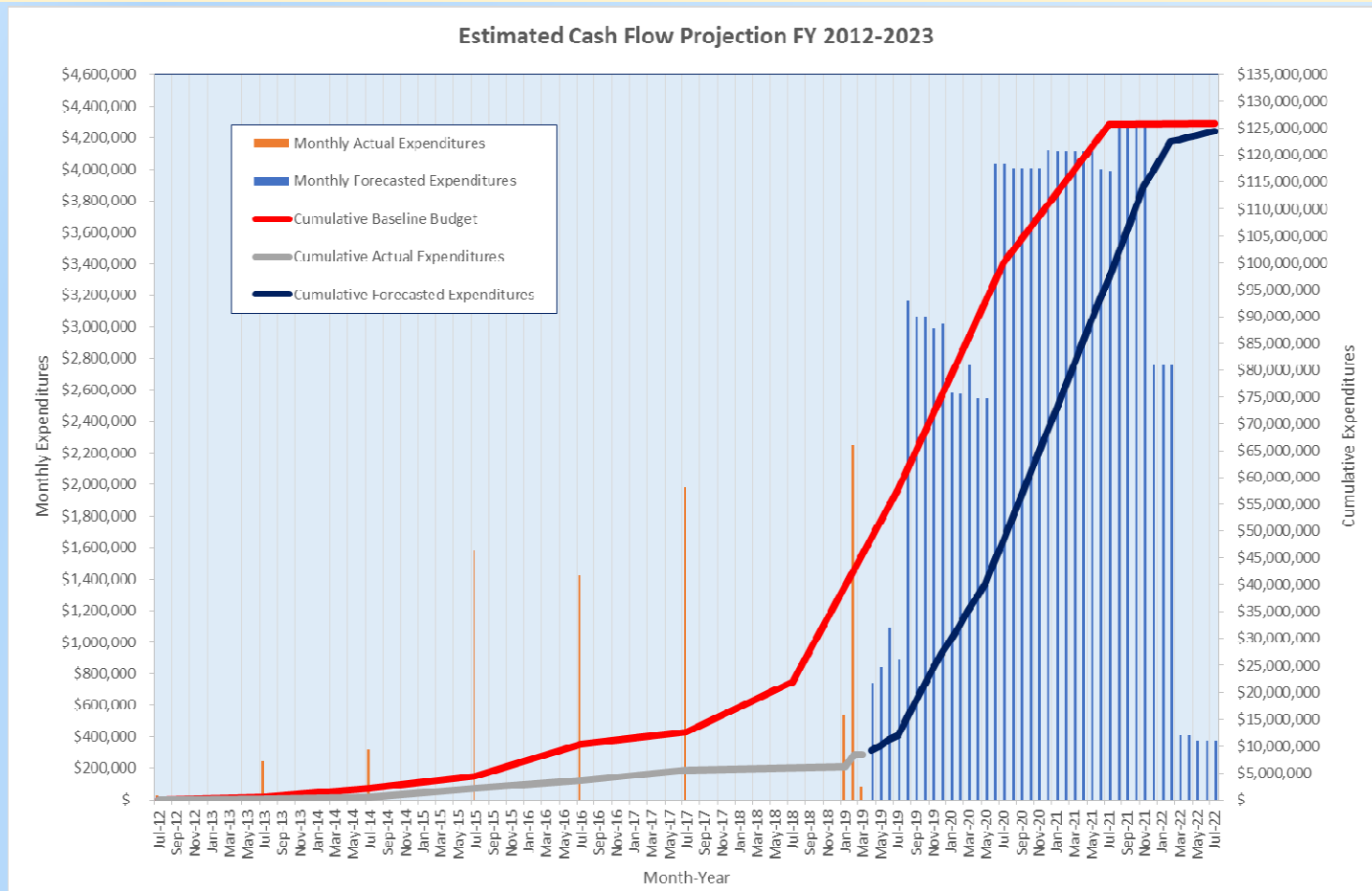
Current expenditures and revised budget

Project	Actual Expenditures to Date	Total Contracted Cost	Contract Expended to Date (%)	Total Project Cost (Est.) ⁽¹⁾	Cost Expended to Date (%)
General Program	\$6,041,480	\$6,190,871	73.1%	\$11,471,480	52.7%
WRF	\$1,654,952	\$67,234,512	2.5%	\$77,858,063	2.1%
Conveyance Facilities	\$549,733	\$1,360,564	40.4%	\$29,457,010	1.9%
Recycled Water Facilities	\$205,677	\$508,947.00	29.5%	\$5,665,677	3.6%
Total	\$8,451,843	\$75,294,894	9.3%	\$124,452,231	6.8%

Notes:

- Contract expended to date expressed as percentage** for each element of the Project.

Current vs. planned expenditures



Gant chart schedule



Key construction milestones



Project Name	Start of Construction		End of Construction		Permit Compliance Date	
	Planned	Actual	Planned	Actual	Planned	Actual
WRF	August 09, 2019		June 09, 2022		February 28, 2023	
Conveyance Facilities	July 21, 2021		June 21, 2022		NA	NA
Recycled Water Facilities	May 11, 2020		November 19, 2021		NA	NA

Additional direction received

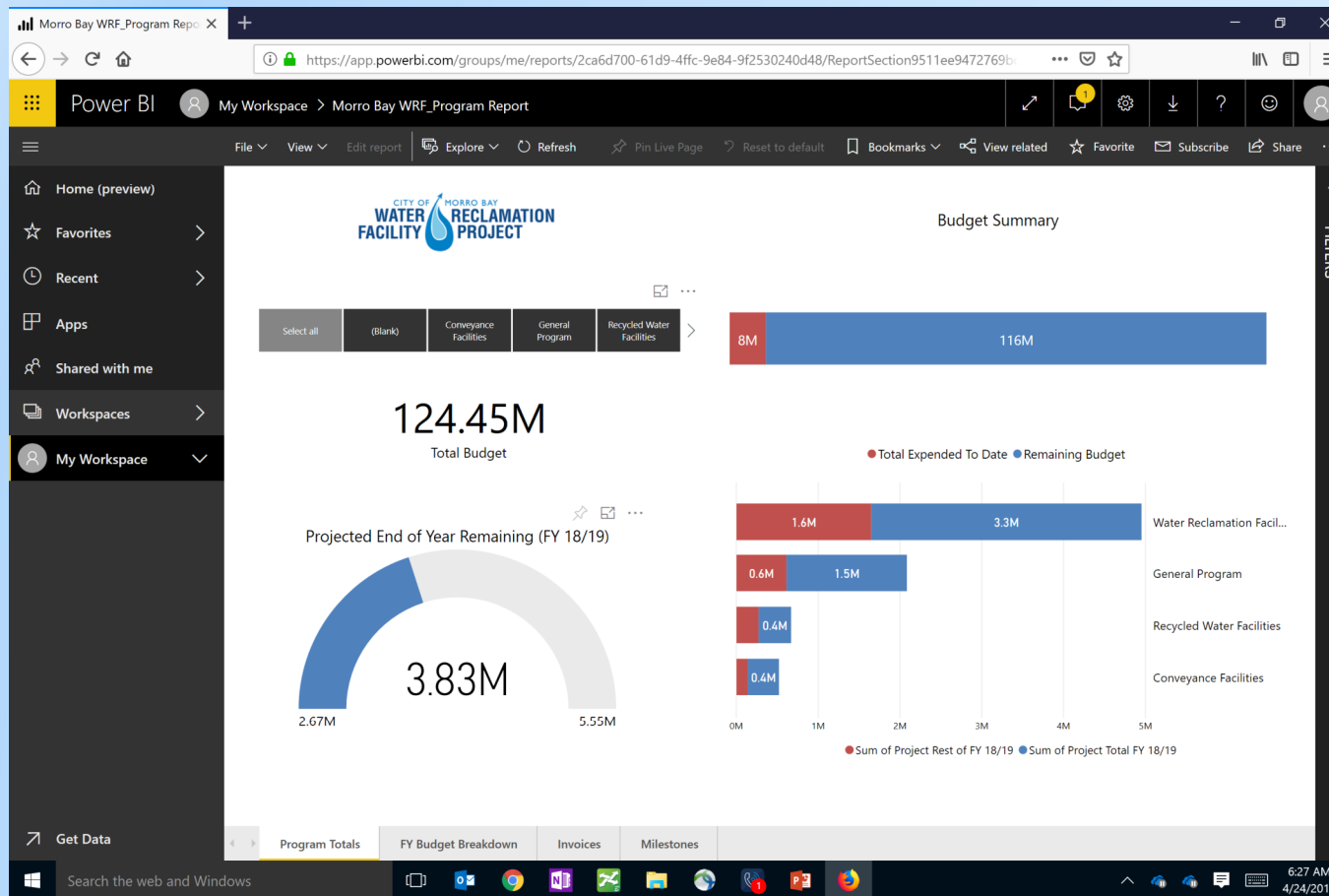
- Answer three key areas
 - On budget?
 - On schedule?
 - Upcoming obstacles?
- Add a link to the website
- List of acronyms at the beginning of the report



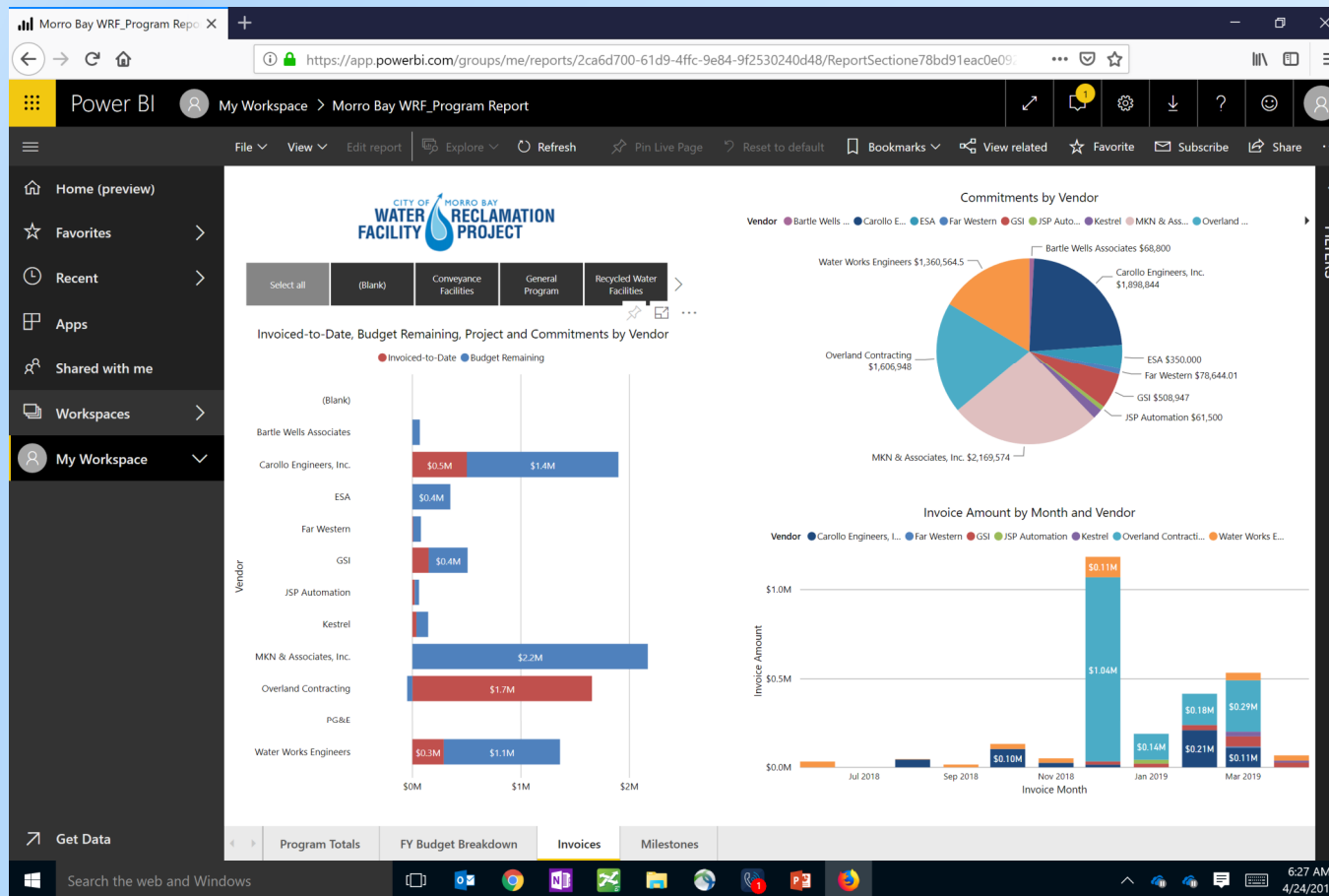
Upcoming Improvements

CITY OF MORRO BAY
**WATER RECLAMATION
FACILITY PROJECT**

Budget summaries



Commitments and expenditures



Recommendations



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Questions and Discussion