April 18, 2022 Board Meeting General Manager's Report Item 13

Update on Near-Term Water Supply

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April 18, 2022









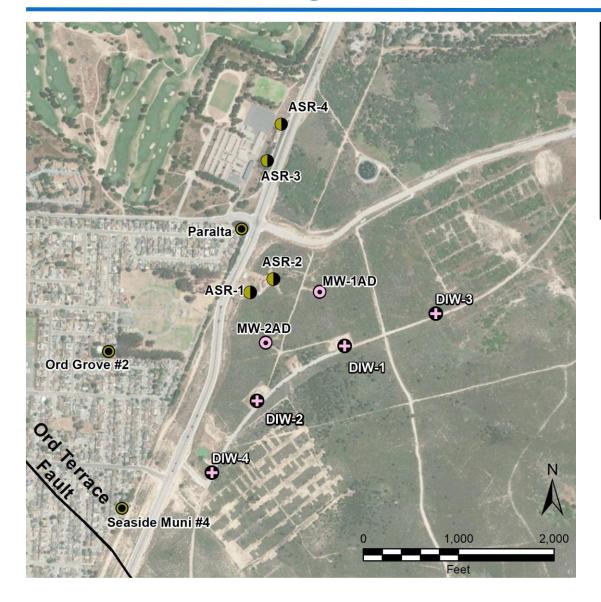
# **Near-Term Water Supply Concerns**

| Water Supply Available                 | AFA   |
|--|-------|
| Carmel River Supply                    | 3,376 |
| Seaside Basin Supply                   | 1,474 |
| Pure Water Monterey Supply             | 3,500 |
| Total "Firm" Supply                    | 8,350 |
| 5-Year Average Customer Demand         | 9,725 |
| Additional Supplies Needed to Meet CDO | 1,375 |

### How to Address "Shortfall"

- Aquifer Storage & Recovery (ASR) Rain dependent; 1,361 AF banked
- Table 13 Water Rights Rain dependent; 68 AF so far this year
- Sand City Desalination Intake and discharge issues
- Unused Malpaso Entitlement
- Seaside Basin Carry-Over Credits
- Additional "Extra" Pure Water Monterey Output

## Additional Challenge – ASR Well #1



### **PWM Wells**

- Deep Injection Well
- Monitoring Well

#### Other Wells

- Production Well
- ASR Well