

CALIFORNIA COASTAL COMMISSION

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W15a

6-21-0738 (Del Mar SCOUP)

April 12-14, 2023

EXHIBITS

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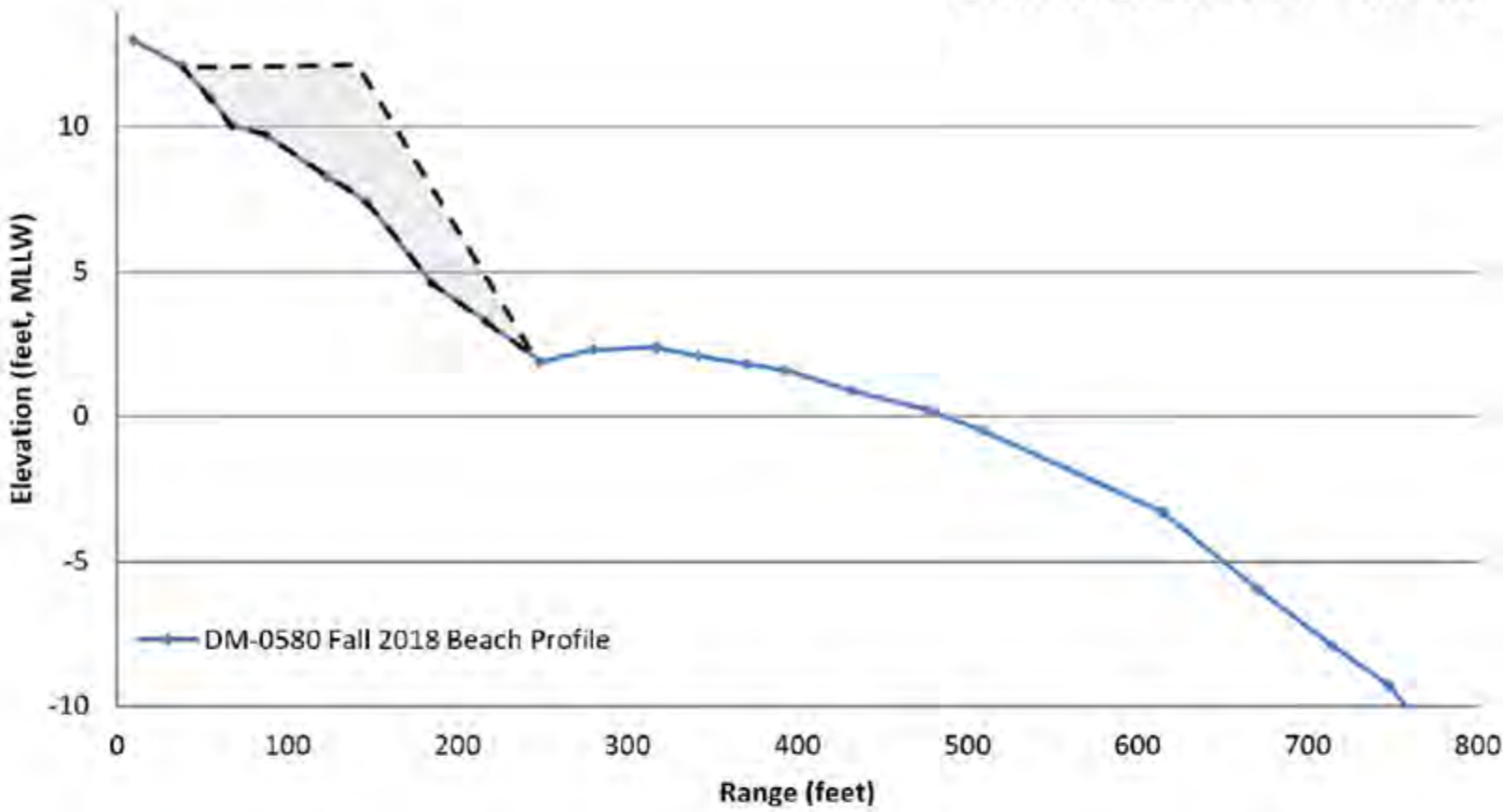
EXHIBIT NO. 1
APPLICATION NO. 6-21-0738
Project Location/ Receiving Beaches
 California Coastal Commission



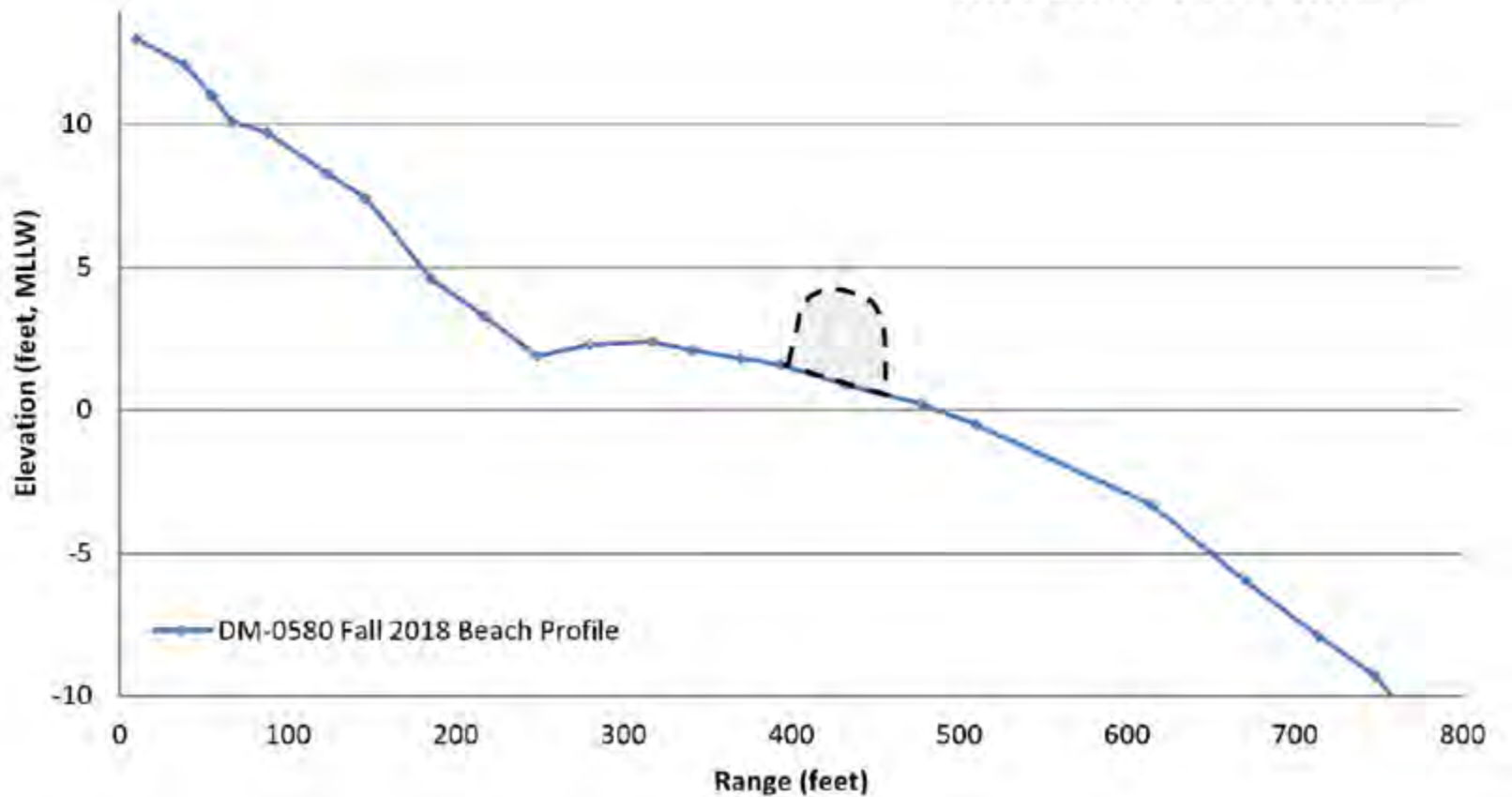
Note:
 This figure shows an example project that could occur within the placement envelope with varying volumes.

EXHIBIT NO. 2
APPLICATION NO. 6-21-0738
Placement Methods Diagram
 California Coastal Commission

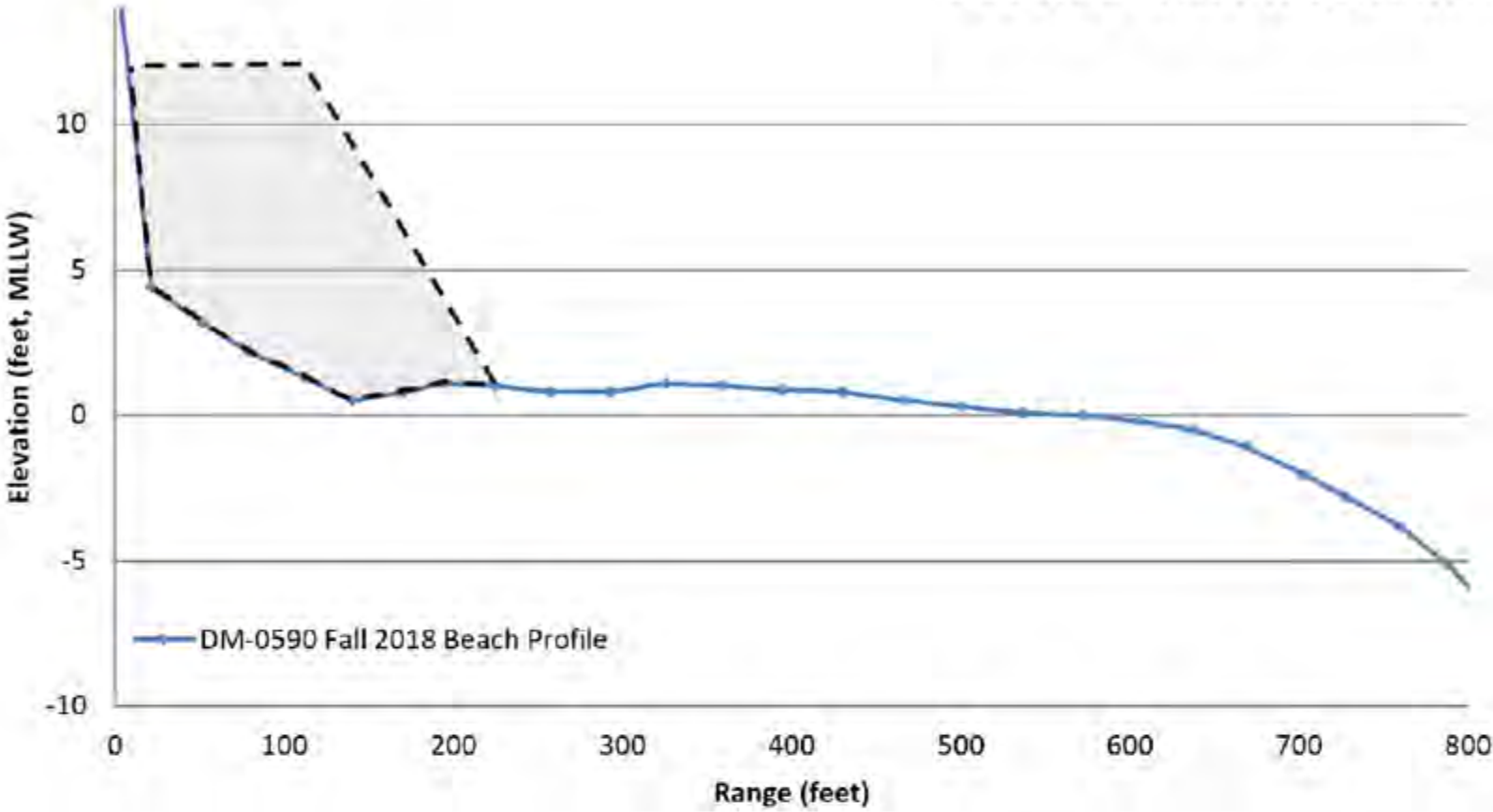
Beach Berm Placement



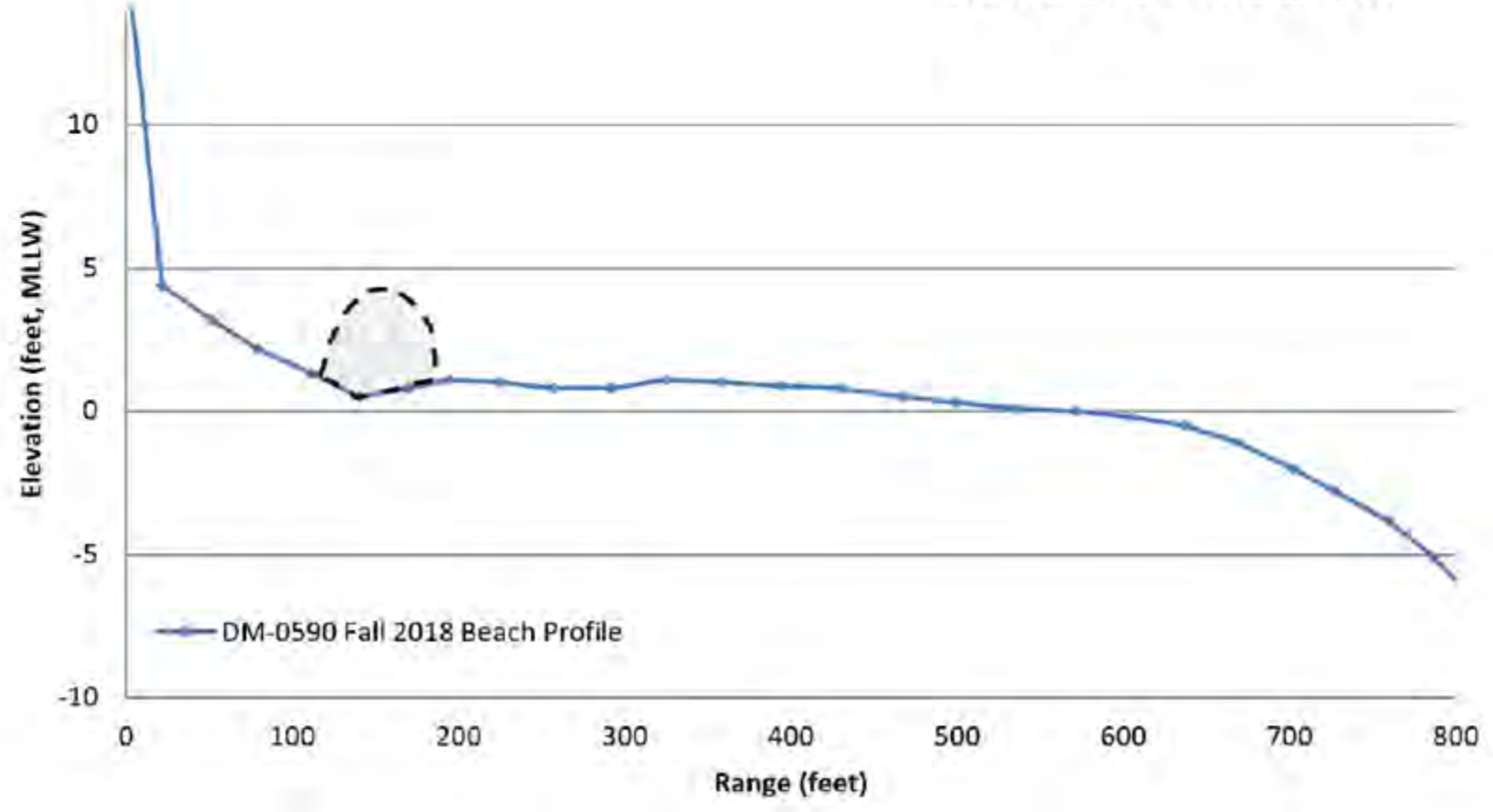
Surf Zone Placement



Beach Berm Placement



Surf Zone Placement





GIS: 01/24/2010 12:25 PM
 User: 01/24/2010 12:25 PM
 Application: 6-21-0738
 Project: 6-21-0738
 Title: Anticipated Haul Routes

EXHIBIT NO. 3
APPLICATION NO. 6-21-0738
Anticipated Haul Routes
 California Coastal Commission

WALKER SCALE GRAPHIC

W-0: no fish, or 1 or 2 scouts
no spawning



W-1: 10-100 fish spawning at different times
in one or several locations



W-2: 100-500 fish spawning at different times,
in one or several locations



W-3: hundreds of fish spawning in
several locations or over a broad area
of the beach



W-4: thousands of fish together,
little sand visible between them over
relatively small area for less than one hour



W-5: fish covering the beach, not possible to walk
through the run without stepping on fish,
run lasts for an hour or more over large area.



EXHIBIT NO. 4

APPLICATION NO.

6-21-0738

Walker Scale Graphic



California Coastal Commission

Monitoring Metric	Pre-Construction	During Construction	Post-Construction
Beach Profiles	Between 1 year and 30 days prior to project.	Not applicable (N/A)	Immediately following construction, and again within 6 months or during semi-annual regional beach sand monitoring activity.
Surf Conditions	Qualitative surf condition information gathered by City lifeguards.	Weekly during sand placement of more than 20,000 cy.	Up to 2 weeks after sand placement during large placement events.
Turbidity	N/A	Daily during placement from a high vantage point on land (e.g., North Bluffs and Powerhouse Park).	N/A
Grunion (required by mitigation measure BIO-1)	If habitat is suitable and project is scheduled between March and August, then 2 to 3 weeks prior to construction before and/or during predicted grunion run closest to project initiation.	If construction is scheduled between March and August, then every 2 weeks during spawning season. Monitoring is dictated by tides and lunar cycle.	N/A
Trash/Debris Removal	N/A	For land-based sand sources, spotter on-site daily to observe excavation and/or placement of material to manage trash/debris prevention and removal.	N/A

EXHIBIT NO. 5

APPLICATION NO.

6-21-0738

Monitoring Parameters



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