



Clean Water Act Section 401 Water Quality Certification Application

Please refer to the “Clean Water Act Section 401 Water Quality Certification Application Guidance” document for assistance with completing this application.

A. Pre-Filing Meeting	
Please provide the date that a pre-filing meeting was requested from Nevada Division of Environmental Protection (NDEP) Bureau of Water Quality Planning (BWQP).	February 12, 2025
<i>Note: If a pre-filing meeting has not been requested, please schedule a pre-filing meeting with NDEP BWQP.</i>	


B. Contact Information	
Project Proponent Information	
Company Name: Nevada Division of State Parks	Address: 901 S Stewart Street, Ste 5005
Applicant Name: Elizabeth Kingsland	City: Carson City
Phone: 775-684-2704	Fax: State: NV
Email: e.kingsland@parks.nv.gov	Zip Code: 89706
Agent Information	
Company Name:	Address:
Agent Name:	City:
Phone:	Fax: State:
Email:	Zip Code:

C. Project General Information			
Project Location			
Project/Site Name: Big Bend of the Colorado State Recreation Area		Name of receiving waterbody: Colorado River	
Address: 4220 S Needles Highway #3		Type of waterbody present at project location (<i>select all that apply</i>): <input checked="" type="checkbox"/> Perennial River or Stream <input type="checkbox"/> Intermittent River or Stream <input type="checkbox"/> Ephemeral River or Stream <input type="checkbox"/> Lake/Pond/Reservoir <input type="checkbox"/> Wetland <input type="checkbox"/> Other: _____	
City: Laughlin			
County: Clark			
State: Nevada			
Zip Code: 89029			
Latitude (UTM or Dec/Deg): 35.1133548		Longitude (UTM or Dec/Deg): -114.6409070	
Township: 32 S	Range: 66 E	Section: 32	¼ Section: SE 1/4

Project Details	
Project purpose:	Over the last 10 years, sediment has built up at the cove mouth at the Big Bend of the Colorado State Recreation Area. As a result, the cove is not currently accessible by the Nevada State Parks boat when needed for assisting boaters or other recreationists. In addition, the public is not able to pass through the mouth of the cove to the Colorado River. Dredging is proposed to remove approximately 700-1,000 CY of sediment to provide access to the Big Bend of the Colorado State Recreation Area cove and boat ramp.
Describe current site conditions: Attachments can include, but are not limited to, relevant site data, photographs that represent current site conditions, or other relevant documentation.	Big Bend of the Colorado State Recreation Area is a developed park within Laughlin, Nevada. This state facility includes a picnicking/day use area, campground and a boat launch. The material to be dredge from the cove is believed to be mostly sand with some small gravels. Pictures have been included as part of the application submittal.
Describe the proposed activity including methodology of each project element:	This project includes maintenance dredging at the mouth of the cove containing a public boat ramp. Currently motorized boats are not able to pass through the cove mouth due to the accumulated sediment. Nevada Division State Parks (NDSP) will require the selected contractor to utilize a suction dredge mounted on a barge in order to minimize creating turbid water conditions. Dredged sediment will be pumped directly from the dredge to a pipe installed beneath the main parking of the park to the upland disposal area. This pipe was installed specifically to dispose of sediment from the 2014 dredging project that occurred at the mouth of the cove. The disposed material will be dewatered and retained in an upland area containing no Waters of the United States. Filter fabric will be installed downslope of the disposal site to prevent sediment from leaving the site. This disposal location was also used when the cove mouth was dredged in 2014/2015. Nevada Division of State Parks will be on site to monitor conditions during dredging operations. If required, water quality sampling can be scheduled to occur during construction and a turbidity curtain can be installed to contain any sediment plumes generated. Dredging will not exceed previous depths or volumes of excavation that were permitted by the USACE in 2014. The dredging is anticipated to take no longer than two (2) weeks to complete. Nevada State Parks estimates that 700-1,000 cubic yards of sediment will need to be removed from the mouth of the cove. Excavation is estimated to be 105' length, 85' width and 2-5' in depth.
Estimate the nature, specific location, and number of discharge(s) expected to be authorized by the proposed activity:	The project includes dredging of approximately 700-1,000 cubic yards at the mouth of the cove at the Big Bend of the Colorado State Recreation Area. The dredging and the sediment disposal is anticipated to take no longer than two (2) weeks to complete
Provide the date(s) on which the proposed activity is planned to begin and end and the approximate date(s) when any discharge(s) may commence:	Work is planned to begin on May 31, 2025, and be completed by July 31, 2025 (for a total of 14 days of work).

Provide a list of the federal permit(s) or license(s) required to conduct the activity which may result in a discharge into regulated waters (see mandatory attachments):	Nationwide Permit #35-Maintenance Dredging of Existing Basins	
Provide a list of all other federal, state, interstate, tribal, territorial, or local agency authorizations required for the proposed activity and the current status of each authorization:	<ul style="list-style-type: none"> • NDEP Working in Waterways Permit • Nevada Division of State Lands- Right-Of-Entry Construction Authorization 	
Total area of impact to regulated waterbodies (acres):	The Division of State Parks intends to dredge an area less than 0.25 acres as part of this project. It is estimated that up to 0.67 acres of wetlands, directly surrounding the project area, could be disturbed during the construction. State Parks will be on site during construction to assist with minimizing disturbance to the greatest extent feasible.	
Total distance of impact to regulated waterbodies (linear feet):	The proposed area of dredging is planned entirely within the regulated waterbody (Colorado River). The distance of impact is estimated to be 105 feet.	
Amount excavation and/or fill discharged within regulated waters (acres, linear feet, and cubic yards):	Temporary:	Permanent:
	0	700-1000 CY
Amount of dredge material discharged within regulated waters (acres, linear feet, and cubic yards):	Temporary:	Permanent:
	0	0
Describe the reason(s) why avoidance of temporary fill in regulated waters is not practicable (if applicable):	N/A	
<p>Describe the Best Management Practices (BMPs) to be implemented to avoid and/or minimize impacts to regulated waters:</p> <p>Examples include sediment and erosion control measures, habitat preservation, flow diversions, dewatering, hazardous materials management, water quality monitoring, equipment or plans to treat, control, or manage discharges, etc.</p>	<p>Access to the site will be provided by the existing boat ramp at the Big Bend of the Colorado State Recreation Area. The contractor will be required to utilize a suction dredge, operated from a barge, for the project to minimize suspended sediments. Material will be dredged from the river bottom and immediately pumped into an existing pipe installed beneath the main parking lot of the park. The pipe will allow the discharge of the dredged material to an area approximately 350 feet from the Colorado River. The sand will be managed in this deposition area using a backhoe; the soil deposition area will be surrounded with filter fabric to capture any sediment that might leave the site prior to it reaching the Colorado River. The sediment will be left in place until completely dry; the sediment may be used at a future date for beach replenishment in compliance with all required permits. The dredging project has been designed to leave a portion of the sediment at the east end of the cove mouth in place. This sediment plug will deflect the river current around the cove mouth so future sediment deposition and dredging needs are minimized.</p> <p>Nevada Division of State Parks will be on site to monitor conditions during dredging operations. If required, water quality sampling can be scheduled to occur during construction and a turbidity curtain can be installed to contain any sediment</p>	

	<p>plumes generated. Dredging will not exceed previous depths or volumes of excavation that were permitted by the USACE in 2014. The dredging is anticipated to take no longer than two (2) weeks to complete.</p> <p>State Parks will require the contractor to clean the barge and any equipment prior to it entering the Colorado River to remove any oil/grease and to avoid the transfer of any aquatic invasive species. State Parks will also require the contractor to maintain fueling practices to protect the Colorado River from fuel spills. These practices include the use of absorbent pads when fueling, fueling when the dredge is stationary, transporting fuel within secondary containment and maintaining a spill kit on the dredge to quickly address any spills that occur.</p>
<p>Describe how the activity has been designed to avoid and/or minimize adverse effects, both temporary and permanent, to regulated waters:</p>	<p>The sediment will be dredged using a suction dredge rather than mechanical dredging. Suction dredging typically creates lower turbidity levels than mechanical dredging. In addition, dredged sediment will be deposited and dried in location over 350 feet from the river. In addition, turbidity curtains will be installed downslope from the dredged sediment to capture any sediment that could flow from the site. Contract documents will be drafted to keep disturbance areas to the minimal extent possible.</p>
<p>Describe any compensatory mitigation planned for this project (if applicable):</p>	<p>N/A</p>

D. Signature		
<p>Name and Title (Print): Elizabeth Kingsland</p>	<p>Phone Number: 775-684-2704</p>	<p>Date: 03/14/2025</p>
<p> Signature of Responsible Official</p>		

Mandatory Attachments:

- **Federal Permit or License Application** - A copy of the federal permit or license application and any readily available water quality-related materials that informed the development of the federal license or permit application.
- **Site Map** - A map or diagram of the proposed project site including project boundaries in relation to regulated waters, local streets, roads, and highways.

- **Engineered Drawings** - Engineered drawings are preferred to be submitted at the 70% design level. If only conceptual designs are available at the time of application, plans for construction should be submitted prior to the start of the project. Specific locations of the proposed activities and details of specific work elements planned for the project should be identified (e.g., staging areas, concrete washouts, perimeter controls, water diversions, or other BMPs).

Submit the completed application materials to NDEP (ndep401@ndep.nv.gov) with the appropriate U.S. Army Corps of Engineers Regulatory Office copied on the communication (<http://www.spk.usace.army.mil/Missions/Regulatory/Contacts/Contact-Your-Local-Office/>).

U.S. ARMY CORPS OF ENGINEERS (USACE) NATIONWIDE PERMIT PRE-CONSTRUCTION NOTIFICATION (PCN) For use of this form, see 33 CFR 330; the proponent agency is CECW-CO-R.	<i>Form Approved -</i> <i>OMB No. 0710-0003</i> <i>Expires: 10-31-2027</i>
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Authority	Rivers and Harbors Act, Section 10, 33 USC 403, Clean Water Act, Section 404, 33 USC 1344; Regulatory Program of the Corps of Engineers (Corps); Final Rule 33 CFR 320-332.
Principal Purpose	Information provided on this form will be used in evaluating the nationwide permit rec-construction notification.
Routine Uses	This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be available as part of the agency coordination process.
Disclosure	Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued.

The public reporting burden for this collection of information, 0710-003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR RESPONSE TO THE ABOVE EMAIL.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (*see sample drawings and/or instructions*) and be submitted to the district engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
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(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Middle - Last - Company - Company Title - E-mail Address -	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - Middle - Last - Company - E-mail Address -
6. APPLICANT'S ADDRESS Address - City - State - Zip - Country	9. AGENT'S ADDRESS Address - City - State - Zip - Country -
7. APPLICANT'S PHONE NOs. with AREA CODE - Fax	10. AGENT'S PHONE NOs. with AREA CODE Fax

STATEMENT OF AUTHORIZATION

11. I hereby authorize, _____ to act in my behalf as my agent in the processing of this nationwide permit pre-construction notification and to furnish, upon request, supplemental information in support of this nationwide permit pre-construction notification.

_____ _____
 SIGNATURE OF APPLICANT DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME or TITLE (<i>see instructions</i>)	
13. NAME OF WATERBODY, IF KNOWN (<i>if applicable</i>)	14. PROPOSED ACTIVITY STREET ADDRESS (<i>if applicable</i>) Address:
15. LOCATION OF PROPOSED ACTIVITY (<i>see instructions</i>) Latitude: °N Longitude: °W	City: State: Zip:
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (<i>see instructions</i>) State Tax Parcel ID Municipality Section: Township: Range:	

17. DIRECTIONS TO THE SITE			
18. IDENTIFY THE SPECIFIC NATIONWIDE PERMIT(S) YOU PROPOSE TO USE			
19. DESCRIPTION OF PROPOSED NATIONWIDE PERMIT ACTIVITY <i>(see instructions)</i>			
20. DESCRIPTION OF PROPOSED MITIGATION MEASURES <i>(see instructions)</i>			
21. PURPOSE OF NATIONWIDE PERMIT ACTIVITY <i>(Describe the reason or purpose of the project, see instructions)</i>			
<p>22. QUANTITY OF WETLANDS, STREAMS, OR OTHER TYPES OF WATERS DIRECTLY AFFECTED BY PROPOSED NATIONWIDE PERMIT ACTIVITY <i>(see instructions)</i> <u>See Appendix C</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;">Acres</td> <td style="width: 33%; border: none;">Linear Feet</td> <td style="width: 33%; border: none;">Cubic Yards Dredged or Discharged</td> </tr> </table> <p style="text-align: center; margin-top: 5px;">Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site.</p>	Acres	Linear Feet	Cubic Yards Dredged or Discharged
Acres	Linear Feet	Cubic Yards Dredged or Discharged	
23. List any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. <i>(see instructions)</i>			
24. If the proposed activity will result in the loss of greater than 1/10-acre of wetlands and requires pre-construction notification, explain how the compensatory mitigation requirement in paragraph (c) of general condition 23 will be satisfied, or explain why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required for the proposed activity.			
25. Is any portion of the nationwide permit activity already complete? Yes No If Yes, describe the completed work:			

26. List the name(s) of any species listed as endangered or threatened under the Endangered Species Act that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. (see instructions)

27. List any historic properties that have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic property or properties. (see instructions)

28. For a proposed NWP activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, identify the Wild and Scenic River or the "study river":

29. If the proposed NWP activity also requires permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, have you submitted a written request for section 408 permission from the Corps district having jurisdiction over that project? Yes No

If "yes", please provide the date your request was submitted to the Corps district:

30. If the terms of the NWP(s) you want to use require additional information to be included in the PCN, please include that information in this space or provide it on an additional sheet of paper marked Block 30. (see instructions)

31. Pre-construction notification is hereby made for one or more nationwide permit(s) to authorize the work described in this notification. I certify that the information in this pre-construction notification is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT

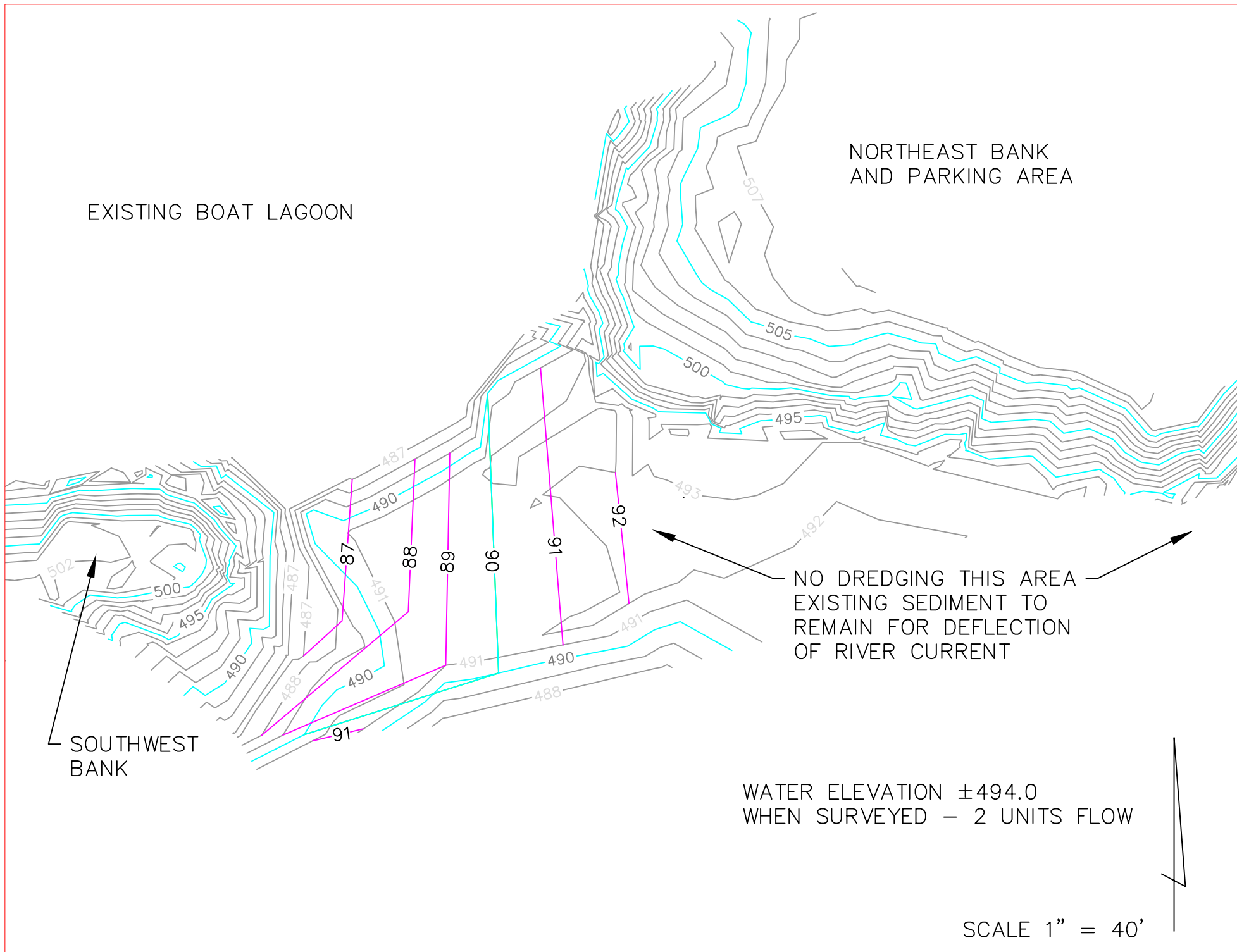
DATE

SIGNATURE OF AGENT

DATE

The pre-construction notification must be signed by the person who desires to undertake the proposed activity (applicant) and, if the statement in Block 11 has been filled out and signed, the authorized agent.

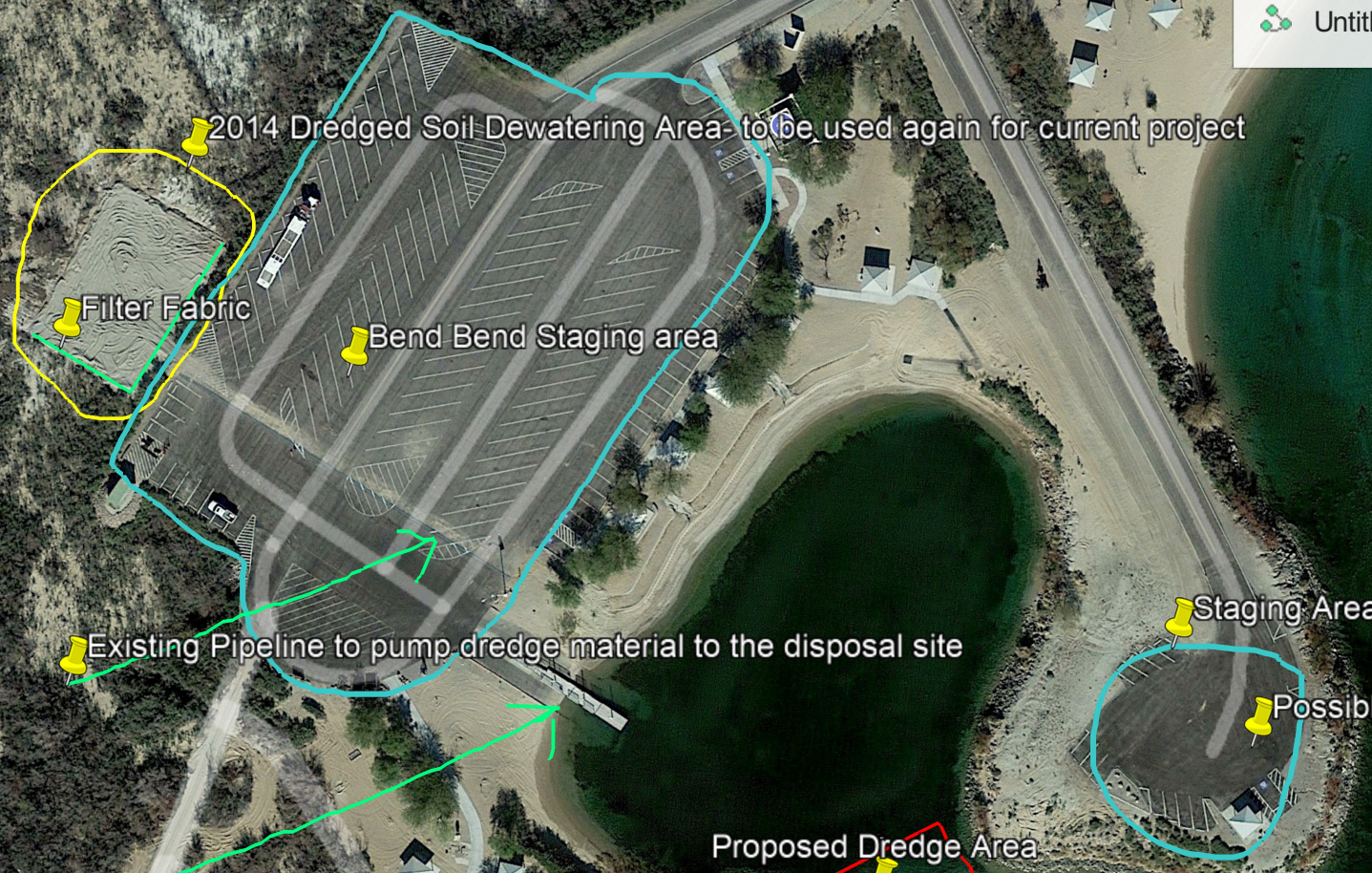
18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



Big Bend Dredging Proposal 2025

Legend

- Big Bend Recreational Beaches
- Feature 1
- Feature 2
- Restrooms
- Untitled Path



Existing Ramp and Access to the Project Area

400 ft



U.S. Fish and Wildlife Service

National Wetlands Inventory

Big Bend of the Colorado Wetland Map



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

March 10, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine