

**Project Study Issue Checklist**

**Unalaska (Dutch Harbor) Channels, Unalaska, Alaska**

**Agency Decision Milestone**

1. Will the report clearly articulate how the selected plan will be consistent with each of the Chief of Engineers Actions for Change for Applying Lessons Learned during Hurricanes Katrina and Rita issued 24 August 2006? \_\_\_YES \_\_\_NO\* X NA.

2. Will the report clearly articulate how the selected plan will be consistent with each of the USACE Environmental Operating Principles? X YES \_\_\_NO\*.

3. Has a NEPA document been completed? \_\_\_YES \_\_\_NO\* X Pending.

4. Will the NEPA Documentation be more than 5 years old at the time of PCA signing or construction initiation? \_\_\_YES\* \_\_\_NO X Pending.

5. Will the ESA Findings be more than 3 years old at the time of PCA signing or construction initiation? [Note: Findings refers to Corps documentation and/or US Fish and Wildlife Service's opinions and recommendations]? \_\_\_YES\* \_\_\_NO X Pending.

6. Is ESA coordination complete? \_\_\_YES \_\_\_NO\* X Pending.

7. If an EIS/EA was completed for the selected plan, will anything prevent signing the Record of Decision (ROD) or Finding of No Significant Impact (FONSI)? \_\_\_YES\* \_\_\_NO X Pending.

8. Is the selected plan consistent with the ROD/FONSI? \_\_\_YES \_\_\_NO\* X Pending.

9. Have there been any changes in Federal environmental laws or Administration or Corps policy since original project authorization that make updating necessary; e.g., change to the Clean Air Act status for the project area...going from attainment to non-attainment? \_\_\_YES\* \_\_\_NO X NA.

10. Are the feasibility-level planning, selection and justification of mitigation plans for fish and wildlife, induced flood damages, cultural or historic preservation, or recreation incomplete or deferred to the PED Phase? \_\_\_ YES\* \_\_\_ NO X Pending.

[Issue papers must describe what is being mitigated, the likely mitigation plan, the likely cost of mitigation, and why the analyses are being deferred.]

11. For reevaluations that conclude further authorization is unnecessary, are the proposed mitigation plan(s) for fish and wildlife, induced flood damages, cultural or historic preservation, or recreation the same as the previously authorized plan? \_\_\_YES \_\_\_NO\* X NA.

12. Is there an incremental analysis/cost effectiveness analysis of proposed fish and wildlife mitigation features based on an approved method and using an accepted model? \_\_\_ YES \_\_\_NO\* X Pending.

13. Were cost risk analysis methods applied to develop contingencies for the estimated total project costs (see Engineering and Construction Bulletin issued 10Sep07)? X YES \_\_\_NO\*.

14. Was the peer (technical) review of the cost estimates duly coordinated with the cost estimate center of expertise and addressed in the review documentation and certification? X YES \_\_\_NO\*.

15. Would the selected plan cause the previously authorized project's fully funded cost to exceed the cost limit of Section 902 of WRDA 1986? [Note: for coastal storm damage reduction projects there are two separate 902 limits, one for initial project construction and one for periodic renourishment] \_\_\_YES\* \_\_\_NO \_\_\_Pending X NA.

[Issue paper must provide the authorized project cost, price level, and current and fully funded project cost estimates and price levels].

16. Does the selected plan involve HTRW clean-up? \_\_\_YES\* X NO.

17. Does the selected plan involve CERCLA covered materials? \_\_\_YES\* X NO.

18. Are the proposed project purposes different than the previously authorized project? [Note: different than specifically noted in authorization or noted in Chief's report and is it measured by project outputs] \_\_\_YES\* \_\_\_NO X NA.

19. Are there any scope changes proposed for the previously authorized project? \_\_\_YES\* \_\_\_NO X NA.

[Issue paper must describe the authority that would enable the project to proceed without additional Congressional modification].

20. If the selected plan includes crediting a non-Federal entity for in-kind services provided either before or after authorization, has a request for a Secretary determination of credit eligibility been forwarded to HQUSACE? [Note: In order to credit a non-Federal sponsor for in-kind services, the credit must be based upon a particular Congressional authority and ASA(CW) must approve a credit eligibility request before the services are provided. The issue paper must describe the scope of the in-kind services, the schedule for providing the services, the authority for providing credit, the status of the request for ASA(CW) approval, and the resulting elements of the non-Federal cost-share (LERRD, cash and credit). If the credit is based on an existing authority, the issue paper must include a copy of the authority if it is not a general authority such as Sec 215. If there is no existing authority to credit the in-kind services, as determined by Counsel, the issue paper should present the rationale for recommending such credit in the decision document for specific Congressional authorization.] \_\_\_YES \_\_\_NO\* X NA.

21. Would the project cost sharing involve reimbursement to the sponsor? [Note: The issue paper must identify the circumstances and authority for recommending reimbursement.] \_\_\_YES\* X NO.

22. Is an Ability to Pay cost sharing reduction included in the selected plan? [If yes, fully describe the proposal in the issue paper, citing how this authority is applicable. Include a table showing the cost sharing by project purpose and expected Ability to Pay reductions.] \_\_\_YES\* X NO.

23. Is a Locally Preferred Plan recommended without an exception granted by ASA(CW) to recommend plan different from the NED, NER or NED/NER Plan prior to the release of the draft decision document for public review? [Note: if this answer is yes, then a series of questions arise that will need to be addressed in the issue paper...is plan less costly than NED plan, is the plan more costly with the same cost sharing the same as NED plan (exception), is plan more costly with all costs exceeding the cost of the NED plan at 100% non-Federal cost, or has ASA(CW) already granted an exception] \_\_\_YES\* X NO.

Remarks:

24. Was a standard accepted Corps methodology/model used to calculate NED benefits?  YES  
 NO\*.

25. Are non-standard benefit categories used to select or justify the recommended plan?  YES\*  
 NO.

26. Was the planning effort conducted in a systems/watershed context and was this reflected in the presentation of the without-project conditions, problem and opportunity statements, and the plan formulation, evaluation and selection?  YES  NO\*  NA.

27. Were the alternatives formulated, evaluated, and selected using the four P&G evaluation accounts – NED, EQ, RED, and Other Social Effects?  YES  NO\*.

28. Did the planning effort collaborate with other Federal, state, Tribal, and local entities to develop solutions that integrate expertise, policies, programs, and projects across public entities?  YES  
 NO\*.

29. Were the types and degrees of risk and uncertainty clearly characterized for the selected plan and were the various adjustments included in the selected plan to reduce risk and uncertainty also described clearly?  YES  NO\*.

#### **Navigation Component (Inland or Harbor)**

30. Is there a navigation component (inland or harbor) in the selected plan?  YES  NO. If Yes, answer each of the following questions for the selected plan:

31. Is there land creation?  YES\*  NO.

32. Is there a single owner and/or beneficiary which are not a public body? [Public body as defined by Section 221 of WRDA 1970]  YES\*  NO.

33. Are there proposals for Federal cost sharing of Local Service Facilities [e.g., dredging of non-Federal berthing areas] work?  YES\*  NO.

34. Is there sediment remediation proposed under Sec. 312 authority? [i.e., Section 312 of WRDA 1990 as amended by Section 205 of WRDA 1996]  YES\*  NO.

35. Is there dredged material placement on beaches where the use is not the least costly environmentally acceptable plan?  YES\*  NO.

36. Will the dredged material be used for ecosystem restoration where the recommended plan is not the least costly environmentally acceptable plan?  YES\*  NO  Pending.

37. Are there recreation navigation benefits?  YES\*  NO.

38. Does the selected plan involve inland navigation harbor development?  YES\*  NO.

39. Can the resale or lease of lands used for disposal of excavated material recover the cost of the selected improvements?  YES\*  NO.

40. Will acquisition of land outside the navigation servitude be necessary for construction of the proposed improvements (either the project or non-Federal facilities that will use or benefit from the

project) and will this permit local entities to control access to the project? [The latter case is assumed to exist where the proposed improvement consists of a new channel cut into lands.]  YES\*  NO.

**Flood Damage Reduction Component**

41. Is there a flood damage reduction component in the selected plan?  YES  NO. If Yes, answer each of the following questions for the selected plan:

42. Is the selected plan for protection of a single property or beneficiary?  YES\*  NO.

43. Would the selected plan produce land development opportunities/benefits? [Issue paper must describe whether special cost sharing should apply.]  YES\*  NO.

44. Is there any recommendation to cost share any interior drainage facilities?  YES\*  NO.

45. Are there any windfall benefits that would accrue to the project sponsor or other parties? [Issue paper must describe whether special cost sharing should apply.]  YES\*  NO.

46. Are there non-structural buyout or relocation recommendations?  YES\*  NO.

47. Is the selected plan likely to change the existing allocated storage in lake projects?  YES\*  NO.

48. Do the proposed changes to the project include any significant risks to public safety related to uncontrolled flooding?  YES\*  NO.

49. Have all the public safety issues related to uncontrolled flooding been fully resolved with the district/MSC Dam Safety Officers?  YES  NO\*.

50. Have all the changes in residual public safety risks related to uncontrolled flooding been communicated to the public and incorporated into their emergency response plan?  YES  NO\*.

**Coastal Storm Damage Reduction Component**

51. Is there a coastal storm damage reduction component in the selected plan?  YES  NO. If Yes, answer each of the following questions for the selected plan:

52. Does the selected plan protect privately owned shores?  YES\*  NO.

53. Does the selected plan protect undeveloped lands?  YES\*  NO.

54. Does the selected plan protect Federally owned shoreline at Federal cost? [If yes, describe what is to be protected and who bears the Federal cost.]  YES\*  NO.

55. Does the selected plan involve tidal or fluvial flooding; i.e., is it clear what the project purpose is and has the project been formulated as a coastal storm damage reduction project or flood damage reduction project?  YES\*  NO.

56. Is there any recommendation to cost share any interior drainage facilities?  YES\*  NO.

57. Is recreation more than 50% of total project benefits needed to justify the project?  YES\*  NO.

58. Are there any parking or public access issues [no public access or none provided within ½ mile increments]?  YES\*  NO.

59. Are easements being provided to ensure public use and access?  YES  NO\*.
60. Is there a Sec. 934 of WRDA 1986 extension of the period of authorized Federal participation?  
 YES\*  NO.
61. Are there any Sec. 111 of Rivers and Harbors Act of 1958, as amended proposals?  YES\*  NO.
62. Do the proposed changes to the project include any significant risks to public safety related to uncontrolled flooding?  YES\*  NO.
63. Have all the public safety issues related to uncontrolled flooding been fully resolved with the district/MSD Dam Safety Officers?  YES  NO\*.
64. Have all the changes in residual public safety risks related to uncontrolled flooding been communicated to the public and incorporated into their emergency response plan?  YES  NO\*.

**Aquatic Ecosystem Restoration Component**

65. Is there an aquatic ecosystem restoration component of the selected plan?  YES  NO. If Yes, answer each of the following questions for the selected plan:
66. Has the selected plan been formulated using cost effectiveness and incremental analysis techniques?  
 YES  NO\*.
67. Was "IWR Plan" used to do cost effectiveness/incremental analysis?  YES  NO\*.
68. Are the restoration features justified by aquatic habitat restoration benefits (exclude preservation and enhancement benefits, and terrestrial habitat benefits)?  YES  NO\*.
69. Is the project purpose for restoration of cultural or historic resources as opposed to ecosystem restoration?  YES\*  NO.
70. Is mitigation authorized or recommended?  YES\*  NO.
71. Are there recommendations for other than restoring a degraded aquatic ecosystem [e.g., creating new habitat where it has never been]?  YES\*  NO.
72. Is the significance of the habitat clearly identified using the categories and criteria defined in Section 3.4.3 of Principles and Guidelines and in paragraph 16.b of EP 1165-2-502?  YES  NO\*.
73. Has the restoration project been formulated for biological/habitat values as opposed to, for example, water quality?  YES  NO\*.
74. Is the selected plan on non-public lands? YES\* NO.
75. Does the selected plan involve land acquisition where the value exceeds 25% of total project cost?  
 YES\*  NO.
76. Are all the proposed recreation features in accord with ER 1105-2-100, Appendix E, Exhibit E-3?  
 YES  NO\*.
77. Are there recommendations to include water quality improvement?  YES\*  NO.

78. Is the monitoring & adaptive management period proposal beyond 5 years after completion of construction? \_\_\_YES\* \_\_\_NO.

79. Does the selected plan involve land acquisition in other than fee title? \_\_\_YES\* \_\_\_NO.

80. Are there recommendations for non-native species? \_\_\_YES\* \_\_\_NO.

81. Does the selected plan propose the use of navigation servitude? \_\_\_YES\* \_\_\_NO.

82. Does the recommendation include monitoring costs greater than 1% of the total first cost of aquatic ecosystem restoration? \_\_\_YES\* \_\_\_NO.

83. Does the recommendation include adaptive management costs greater than 3% of the total first cost of aquatic ecosystem restoration, excluding monitoring costs? \_\_\_YES\* \_\_\_NO.

#### **Recreation Component**

84. Is there a recreation component of the selected plan? \_\_\_YES X NO. If Yes, answer each of the following questions for the selected plan:

85. Is the cost of proposed recreation development more than 10 % of the Federal project cost without recreation [except for nonstructural flood damage reduction and coastal storm damage projects]? \_\_\_YES\* \_\_\_NO. [Issue paper must describe the proposal and whether ASA(CW) approval has been granted.]

86. Are there recreation features located on other than project lands? \_\_\_YES\* \_\_\_NO.

87. Does the selected plan involve/provide for waterfront development? \_\_\_YES\* \_\_\_NO.

88. Does the selected plan involve the need to reallocate authorized storage (see Section III, Appendix E, ER 1105-2-100)? \_\_\_YES\* \_\_\_NO.

89. Does the selected plan include non-standard recreation facilities (refer to ER 1105-2-100, Appendix E, Exhibit E-2)? \_\_\_YES\* \_\_\_NO.

#### **Water Supply Component**

90. Is there a water supply component of the selected plan? \_\_\_YES X NO. If Yes, answer each of the following questions for the selected plan:




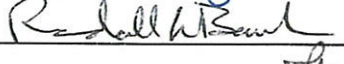


91. Does the component include features other than Corps reservoir storage space for M&I water supply? \_\_\_YES\* \_\_\_NO.

92. Do the outputs meet other needs other than M&I water supply, such as agricultural water supply? \_\_\_YES\* \_\_\_NO.

93. Does the selected plan use non-standard pricing for reallocated storage? \_\_\_YES\* \_\_\_NO.

94. Are there exceptions to model contract/agreement language? \_\_\_YES\* \_\_\_NO.

**Concurrences**

Project Manager	<u></u>	Date: <u>06 Nov 2018</u>
District Planning and Policy CoP leader	<u></u>	Date: <u>11/6/18</u>
District Counsel	<u></u>	Date: <u>14 Nov 18</u>
DDE (PM)	<u></u>	Date: <u>11/14/18</u>
MSC Planning and Policy CoP Leader	<u></u>	Date: <u>11/21/18</u>
MSC Counsel	<u></u>	Date: <u>11/21/18</u>

