**LEVEE INSPECTION REPORT**

**Routine Inspection**

**NAME OF LEVEE**

XX Month 20XX

**NAME OF RIVER BASIN**

Creek/River, Right/Left Bank, River Mile AB.C to XY.Z

City, County, State

**NLD SEGMENT ID: 5504000XXX**

**NLD SYSTEM ID: 5505000XXX**

**CURRENT RATING: ACCEPTABLE/MINIMALLY/UNACCEPTABLE**

**PREVIOUS RATING: LAST RATING – Day MONTH Year**

**INSPECTION PERSONNEL:**

* Alphabetical By Last Name 1 – USACE, Seattle District, Soils Section
* Alphabetical By Last Name 2 – USACE, Seattle District, Soils Section
* Alphabetical By Last Name 3 – USACE, Seattle District, Soils Section
* Alphabetical By Last Name 4 – USACE, Seattle District, Soils Section
* Local Sponsor or Other Representatives – Sponsor, His/Her Organization

**BACKGROUND:**

The Name of Levee was inspected on XX Month 20xx with the local sponsor, Local Sponsor Name.

To reach the levee from the District Office (or nearest major highway), add directions here to the levee access point.

The levee is approximately X,XXX feet long and protects PROTECTED INFRASTRUCTURE. Describe system-segment relationship. (This levee is a complete system OR This levee comprises one segment of a # levee system. From downstream to upstream the system includes: Levee Name 1, Levee Name 2, etc.) Describe levee tie-ins at the upstream and downstream end. (See Appendix A: Levee Maps).

This levee inspection report describes the current conditions as observed during the inspection and summarizes recommendations for corrective action. The report also includes Appendix A: Levee Maps; Appendix B: Inspection Point Summary with Photos; Appendix C: Public Sponsor Pre-Inspection Form; Appendix D: Inspection Rating Checklist; and Appendix E: Rehabilitation Program Eligibility Determination Worksheet, which are attached at the end of this report.

**OBSERVATIONS:**

The typical section (reference Figure 1 & Figure 2) description, slopes, top width, armor description and condition (covered in silt, vegetation growing through), toe description. Use details and call out points.

Identify inspection points of importance in the observation (Inspection ID#0001).

*Optional statement about vegetation: Although vegetation/brush was thick, it did not obscure visibility of the slope or interfere with the rating of the levee (slopes, cracking, sloughing, etc.).*

**CONCLUSIONS:**

Based on observations made during the inspection, the Name of Levee is given a RATING rating, utilizing the Corps standards described in Appendix D. The levee received Acceptable or Minimally Acceptable [or Unacceptable, if applicable] ratings for all items on the eligibility checklist from the “Interim Policy for Eligibility Determinations for the Rehabilitation Program” issued on 21 March 2014 (see Appendix E). Based upon these ratings, the levee is considered ELIGIBLE [or INELIGIBLE] for rehabilitation assistance under the PL 84-99 program.

**RECOMMENDATIONS:**

In order to improve the effectiveness of this levee system, the inspection team recommends the following:

1. Trees identified during this inspection by the USACE inspectors should be removed to reduce the risk of levee failure during flood conditions where the levee is loaded. Overgrown trees rooted in narrower levee sections present a greater risk to levee performance and should be prioritized. A Corps representative can assist in marking these specific trees or additional trees for removal if requested.

In order to receive an Acceptable item rating for unwanted vegetation item, trees and brush should be maintained according to the Corps of Engineers standards listed in ETL 1110-2-583. Generally, all slopes should be easily visible. No trees or brush should be within the levee prism, including the crest, side slopes, and 15 feet from the landward and riverward toe with grass planted on all surfaces. This standard was developed to provide the most reliable flood control facility and will provide the most flood risk reduction for this rated item if followed.

1. Levee crown must be free of all vegetation and obstructions to allow at least 12 feet for vehicle access.
2. Monitor for burrowing animal activity.
3. Visually inspect culverts with CCTV every 5 years and test all flap gates.
4. An emergency action plan should be developed for this levee system. Suggestions are included in the Levee Owner’s Manual, pp. 35-53. A levee-specific evacuation plan including evacuation routes and procedures and flood warning systems should be developed for the area protected by this levee. Emergency action plans should be reviewed and updated at least every 5 years. Emergency action plans for the PL 84-99 program levees are kept on file at the Seattle District office. Please include an updated copy of the emergency action plan and evacuation plan in your response to this report.

**INSPECTION PHOTOGRAPHS:**

**Figure 1:** Description of Figure.

**Figure 2:** Description of Figure.

**SUMMARY TABLE:**

|  |  |
| --- | --- |
| Levee Segment Name | Name of Levee |
| Location | Name of Creek/River, City, County, State |
| Sponsor | Sponsor Name |
| Contact Information | Contact Name, XXX-XXX-XXXX |
| Estimated Level of Protection | XX percent exceedance |
| Approximate Length | X,XXX feet |
| Top Width | XX ft |
| Crown Surface | Gravel/Crushed Rock/Asphalt/Grass |
| Riverward Slope | xH:1V |
| Landward Slope | xH:1V |
| Vegetation | Grass/Brush/Trees/Willows/etc. |
| Armored | Yes/No (add description of size, amount missing, etc.) |
| Benefits | Protects… |
| Current Rating | Acceptable/Minimally/Unacceptable |
| NLD Segment ID | 5504000XXX |
| NLD System ID | 5505000XXX |