# Fish Passage Plan (FPP) Change Request Form

**Change Form # & Title**: 19AppL006 – Add Hazing Table

**Date Submitted**: 12/31/2018

**Project**: All

**Requester Name, Agency**: Bob Cordie, USACE

**Final Action:**

**FPP Section**: Appendix L – Avian Monitoring and Deterrence Action Plans

**Justification for Change**: Confusing context. Too much unnecessary information.

**Proposed Change**:

Condense hazing information into single spreadsheet for project comparison (see table on next page).

**Comments**:

2/7/19 FPP Meeting: FPOM needed more time to review the Appendix L change forms. Moved to next week’s FPOM meeting on 2/14 for finalization.

2/8/19 Charles Morrill, WDFW, via email: “Nice Addition! Please add footnote for McN sprinkler to table Ie. Damaged in high flows in 2018 and no longer serviceable.”

**Record of Final Action**:

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| --- | --- | --- | --- | --- | --- | --- |
| **Dam** | **Passive Deterrents** | **Hazing Dates** | **Location** | **Hazing hours/day** | **Hazing Methods** | **Action Trigger** |
| **BON** | Avian wires, sprinklers | April 1 – July 31 (Avian); | Shore | 8 | Pyrotechnics, sound, propane cannon (if necessary) | 150 birds in a single zone |
| **TDA** | Avian wires | April 15 – July 31 | Shore, Boat | 14 (Apr/Jul),  16 (May/Jun) | Pyrotechnics | ~250 gulls |
| **JDA** | Avian wires | April 10 – July 31 | Boat | 8 | Pyrotechnics | N/A |
| **MCN** | Avian wires, needle strips, sprinklers *(n/a in 2019)* | April 21 – July 27 | Shore, Boat | Shore: 8 (Apr 21-27, Jul 14-27);  16 (Apr 28-Jul 13)  Boat: 6 (Apr 28-Jul 6, 4 days/wk except Sundays) | Pyrotechnics, sound, lethal take (if necessary) | N/A |
| **IHR** | Avian wires, wire spikes, sprinklers | April 1 – June 30 | Shore, Boat | Shore: 8 (Apr 1-6, Jun 9-30);  16 (Apr 7-Jun 8)  Boat: 3 days/wk (Apr 7-20, May 26-Jun 8);  5 days/wk (Apr 21-May 25) | Pyrotechnics, sound, laser, lethal take (if necessary) | Daily count twice 3-yr average; unresponsive to hazing. |
| **LMN** | Avian wires, sprinklers | April 1 – June 2 (July 1 if needed) | Shore | 8 (Apr 1-May 2);  16 (May 3-Jun 2) | Pyrotechnics, sound, lethal take (if necessary) | 86 gulls, 43 terns, 15 cormorants |
| **LGS** | Avian wires, needle strips, sprinklers, visual | April 1 – June 22 | Shore, Boat | Shore: 8 (Apr 1-13, May 26-Jun 2);  16 (Apr 14-May 25).  Boat: 8 (Apr 1-Jun 22, 3 days/wk) | Pyrotechnics, sound, lethal take (if necessary) | 100 gulls &/or terns, 50 cormorants |
| **LWG** | Avian wires, needle strips, sprinklers | April 1 – June 30 | Shore | 8 (Apr 1-20, Jun 2-30),  16 (Apr 21-Jun 1) | Pyrotechnics, sound, lethal take (if necessary) | 57 gulls, 110 cormorants |