

1. Procedure summary

This document describes the process of pond liner repair at IABR in Columbus, NM.

1.1. Related Procedures

Lock Out Tag Out Policy

1.2. Procedure impacts and concerns

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|---------------|--|
| Safety | Use caution when entering/exiting the pond due product viscosity on liner surface areas. Rubber gloves and protective eyewear should be worn when handling the adhesive product. |
| Quality | NA |
| Delivery | NA |
| Environmental | Perform in a ventilated area. Properly dispose of all product residue. |
| Cost | Depending on surface area of repair |
| Compliance | NA |

1.3. Responsibilities and owners

| | | |
|----------------|--|---------------|
| Document Owner | Manage content and distribution | Mark DuPont |
| Process Owner | Responsible for content and process validation | Mark DuPont |
| Site Manager | Responsible for implementation and conformance | Rebecca White |

2. Process

2.1. Process description

Pond liner integrity has important environmental implications. It is necessary to repair the pond liner in the event of damage caused by normal wear or unforeseen circumstances. This procedure describes the process of pond liner repair at IABR in Columbus, NM.

2.2. Process diagram: Work Instruction



2.3. Process steps

- 2.3.1 Locate Damaged Area
- 2.3.2 Inspect sub-surface area for sharp objects or uneven surfaces.
- 2.3.3 Make corrections to sub-surface as needed.
- 2.3.4 Clean the damaged surface area to be repaired.

- 2.3.4.1 Clean the surrounding area equivalent to twice the size of the damaged area.
- 2.3.5 Evenly apply adhesive to the prepared surface.
- 2.3.6 Apply patch material over the adhesive
 - 2.3.6.1 Apply slight pressure holding the repair patch in place for 5 min.
 - 2.3.6.2 Allow 2 hours for repaired area to cure.
- 2.3.7 Inspect repaired area to ensure adhesive bonding has occurred.

3. Required documents

As per MFG specifications (see packaging instructions)

3.1. Input documents

MFG instructions within repair kit

3.2. Output documents**4. Document control****4.1. Revision history**

| | |
|------------------------------------|-------------|
| R0 – Initial Release – Mark DuPont | 16 Feb 2012 |
| R1 – <Editor name> | <Date> |

4.2. Document approval

<Name>

<Approval date>

4.3. Document reviewers**5. Risk analysis**

<Risk name>

<Mitigation plan>

<Owner>

<RPN>