

**Catawba-Wateree Hydro Project (FERC No. 2232)**  
**Study Plan Scope Document**

**Study Plan Name:** Trash Management Plan

**Study Plan Designation:** Operations 03

**Study Short Description:** Develop a management plan for non-biodegradable trash removed from project trash racks.

**Applicable Hydro Projects/Developments:** Rhodhiss/Lake Rhodhiss, Fishing Creek/Fishing Creek Lake, Great Falls Headworks, Cedar Creek/Rocky Creek Lake

**Prerequisite Study Designation:** None

**The purpose of this document is to describe the study scope, basic methodology and how results will be used. Study Teams and Resource Committees may develop supplemental study methodology details if and when they determine them to be necessary.**

**I. Study Objective**

Develop a trash management plan for non-biodegradable trash removed from project trash rack(s).

**II. Basis**

Debris, naturally and man-made, collects and builds up in front of the trash racks at the project. Debris build-up causes increased pressure on the trash racks and their support structure, and reduces water flow to the turbines. Naturally occurring biodegradable debris is an important component of the Catawba-Wateree ecosystem.

**III. Geographic and Temporal Scope**

The immediate areas in front of the project trash rack(s) will be studied during this evaluation.

**IV. Summary of Existing Data**

N/A

**V. Methodology**

Phase One:

- Review Duke Power's current debris management practices. A summary document, describing current state practices will be developed.

Phase Two:

- Evaluate safe, cost effective, and environmentally responsible options for non-biodegradable trash management.

Phase Three:

- State Relicensing Teams and Regional Advisory Groups will review and comment on the draft management plan.
- Incorporate and finalize Non-biodegradable trash management plan.

**VI. Schedules and Required Conditions**

Phase One: June 2004

Phase Two: July 2004 - August 2004

Phase Three: September 2004 – December 2004

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**VII. Use of Study Results**

Results from the Trash Management Plan will be implemented to properly manage non-biodegradable trash from behind the project trash rack(s).

**VIII. Study Participants**

	<b><u>Name</u></b>	<b><u>Organization</u></b>	<b><u>Phone #</u></b>	<b><u>E-Mail</u></b>
<b>Applicant Lead</b>	Jason Walls	Duke Power	704-382-6707	jawalls@duke-energy.com
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**IX. List of Attachments**

If needed.

**X. List of References**

If needed.