
**Alcoa Power Generating Inc.
Yadkin Division**

Yadkin Project Relicensing (FERC No. 2197)

**Recreation Facility Inventory and
Condition Assessment**

Final Study Report

February 2005

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Report Summary

As part of the Federal Energy Regulatory Commission (FERC) relicensing process, Yadkin was asked by the Recreation, Aesthetics, and Shoreline Management Issue Advisory Group to 1) inventory recreational opportunities and facilities at the Project's public access recreation areas, 2) describe the condition of the facilities, 3) assess opportunities for barrier-free access and 4) evaluate effects of reservoir fluctuations on the availability of recreational facilities.

The public access recreation areas inventoried as part of this study provide opportunities for motorized and non-motorized boating, bank and pier fishing, camping, swimming, picnicking, and hiking. Currently, there are 40 major public recreation areas (excluding recreation areas considered "closed") that provide direct access to Yadkin Project lands and/or waters. These recreation areas are located in Davie, Davidson, Rowan, Montgomery, and Stanly counties (see table below). Yadkin, the U.S. Forest Service (USFS), and the North Carolina Wildlife Resources Commission (NCWRC) work independently and cooperatively to provide and maintain boat launches, courtesy docks, fishing piers, beaches and swimming areas, campsites, and hiking trails at the Project.

Summary of Existing Major Recreational Facilities by County

<i>County</i>	<i>Number of Reservoirs With Access</i>	<i>Total Number of Public Recreation Sites</i>	<i>Boat Ramp</i>	<i>Boat Dock</i>	<i>Fishing Pier</i>	<i>Bank Fishing Area</i>	<i>Swim Area</i>	<i>Camp-ground</i>	<i>Picnic Area</i>
Davie	1	1	1	0	0	1	0	0	0
Davidson	2	8	7	3	0	8	2	0	5
Montgomery	3	14	7	4	1	14	0	3	3
Rowan	2	10	5	3	0	10	0	0	2
Stanly	3	8	6	5	1	8	1	0	4
Total for All Counties	4	40	26	15	2	40	3	3	14

With 26 boat ramps, 15 boat docks, and 40 bank fishing areas, boating and fishing facilities are well-dispersed. Generally, the ramps and docks are distributed evenly around the Project with Davidson, Montgomery, Rowan, and Stanly having 7, 7, 5, and 6 boat ramps respectively. Similarly, picnic areas (14 total) are also well-dispersed among the four counties. Fishing piers are available in Montgomery and Stanly counties, swim areas are available in Davidson and Stanly counties, and campgrounds are available in Montgomery County.

Dispersed recreation, primarily fishing and camping, is prevalent around the Project reservoirs. The prevalence of dispersed recreation suggests that not all recreation demands are being met by the existing recreation areas: primarily camping. Currently, there are only three public campgrounds adjacent to the Project reservoirs and they are all within the Uwharrie National Forest. With the exception of High Rock Marina and Campground (private), there are no other overnight camping facilities on High Rock, Tuckertown, and Falls reservoirs.¹

¹ There are longer-term (weekly and monthly) camping opportunities on these reservoirs.

The operation of High Rock and Narrows reservoirs may affect the availability of recreational facilities on these reservoirs. During the summer months, because both reservoirs are generally operated within 3-5 feet of normal full pool, all boat ramps and facilities on High Rock and Narrows reservoirs remain usable. However, when High Rock Reservoir is drawdown (e.g. seasonally, for maintenance, etc.), some facilities may become unusable. Specifically, the boat ramps at the Southmont Boat Access Area, the Buddle Creek Boat Access Area, the Dutch Second Creek Boat Access, and the Flat Swamp Boat Access may be affected by a drawdown. All boat ramp facilities on Narrows are generally unaffected by normal reservoir operation, but may become affected during periods of low inflow.

Generally, the facilities at the Yadkin, USFS, and NCWRC recreation areas are well maintained and in good condition. Each year Yadkin spends approximately \$500,000 to provide recreational opportunities for the public. Activities include access area maintenance, signage, security, trash/waste collection and disposal. Recent improvements have been made at several of the recreation areas. Additionally, there are existing plans to improve and/or upgrade the facilities at some of the recreation areas. While the recreation facilities are generally in good condition, there are a few facilities that are in need of repair or replacement. Specifically, there are boat ramps in need of repair or maintenance. Additionally, there are instances of vandalism to trash receptacles, signs, picnic tables, and portable toilets. Also, there are parking areas and access roads where the surfacing has deteriorated. To improve safety at these recreation areas, Yadkin recently updated its Public Safety Plan (December 2003). Yadkin also provides safety and rescue equipment, posts bi-lingual signs (English and Spanish), and funding for additional county patrols at the swim areas.

A disabled access assessment was made at each public access recreation area. A “barrier-free” facility is a facility where access is free of impediments to safe use and passage to persons with disabilities or handicaps. Any barrier-free facility, such as a boat ramp, courtesy dock, fishing pier, or a picnic area should be designed so that it can be approached, entered, and used by people with disabilities. Factors considered in conducting the disabled access assessment at each recreation area included: the availability of signed handicapped parking; the surface and slope of accessible pathways; access to boat transfer facilities (courtesy docks); the design of existing fishing piers; the accessibility to side or end-approach picnic tables; and the availability of barrier-free restroom facilities at each recreation area.

Although limited, barrier-free opportunities do exist at the Project. The Circle Drive Boat Access Area, managed by the NCWRC, is a good example of barrier-free boating facilities. The area has a designated and signed handicapped parking space, which is along an accessible pathway (concrete) that leads to accessible boat ramps and courtesy docks.

Several access areas, such as the Highway 49 Boat Access Area on Narrows Reservoir (Badin Lake), are designed to be barrier-free, but lack some necessary elements. The courtesy boat docks at the Highway 49 Boat Access Areas were constructed to be barrier-free, but there is currently no signed handicapped parking space or accessible pathway to the facilities. In most cases, the absence of an accessible pathway and/or a designated parking space are the only remaining improvements required to make facilities barrier-free.

1 Introduction

Alcoa Power Generating Inc. (APGI) is the licensee for the Yadkin Hydroelectric Project (Yadkin Project or Project). The Yadkin Project is managed and operated by APGI's Yadkin Division and is currently licensed by the Federal Energy Regulatory Commission (FERC) as Project No. 2197. This license expires in 2008 and APGI must file a new license application with FERC on or before April 30, 2006.

As part of the relicensing process, APGI prepared and distributed, in September 2002, an Initial Consultation Document (ICD), which provides a general overview of the Project. Agencies, municipalities, non-governmental organizations and members of the public were given an opportunity to review the ICD and identify information and studies that were needed to address relicensing issues. To assist in the identification of issues and data or study needs, APGI formed several Issue Advisory Groups (IAGs) to advise APGI on resource issues throughout the relicensing process. IAGs have had the opportunity to review and comment on Draft Study Plans. The study plan for this study was finalized after receiving input from the Recreation, Aesthetics and Shoreline Management (RASM) IAG in October 2003. A Draft Study Report was distributed to the RASM IAG in October 2004 for their review and comment. Subsequent to this, APGI met with the IAG on November 3, 2004 to review and discuss the report. In addition to the comments received at this meeting, APGI received written comments on the Draft Report (see Appendix C). The Draft Report was then revised to reflect the comments received and finalized.

1.1 Background Information

In January 2003 relicensing participants identified two issues and study requests specific to this study:

Issue/Comment	Study Request
Public recreation opportunities and facilities at the Yadkin Project	Inventory public recreation facilities and opportunities and evaluate ADA accessibility (to include non-motorized boating opportunities, portage trails, and primitive camping)
Effects of reservoir operations/fluctuations on recreation facilities and use	Evaluate effects of reservoir fluctuations on recreation facilities and facility use

These study requests were initially discussed with the RASM IAG at a March 13, 2003 meeting. A preliminary scope of work (dated July 2003) was discussed at the RASM IAG meeting held on July 9, 2003 and a Draft Study Plan was distributed for review and comment in August 2003. On October 8, 2003, Yadkin met with the RASM IAG to discuss comments received on the Draft Study Plan. The study plan was revised based on comments received and finalized in October 2003 (see Appendix A).

1.2 Project Area

The Yadkin Project is a hydroelectric project consisting of four reservoirs, dams, and powerhouses located on the Yadkin River in central North Carolina (see Figure 1-1). The four reservoirs fall within a 38-mile stretch of the Yadkin River (mile 272 to mile 234) and encompass a drainage area of 4,190 square miles. High Rock Dam is at river mile 253 and the reservoir, the largest of the four reservoirs, has a water surface area of 15,180 acres with 360 miles of shoreline. Tuckertown Dam is located at river mile 244 and Tuckertown Reservoir has of 2,560 acres of surface area with 75 shoreline miles. Narrows Reservoir (Badin Lake) covers an area of 5,353 acres with 115 miles of shoreline and Falls Reservoir, the smallest of the four reservoirs, covers 204 acres with six shoreline miles. Narrows Dam is located at river mile 236.5 and Falls Dam is at mile 234.

The Yadkin River basin has a drainage area of 4,190 square miles above Falls Dam. The drainage basin is located primarily in the northern piedmont of North Carolina, with a small portion extending into southern Virginia. Within the basin, land use is approximately 51% forested, 30% agricultural, 11% urban, and 2% federal. Included in these federal lands is the Uwharrie National Forest (UNF) which is located in close proximity to Narrows and Falls reservoirs on their eastern shorelines. The Yadkin River rises in the Appalachian Mountains in North Carolina and picks up additional tributaries as it flows in a northeasterly direction. Northwest of Winston Salem, the river turns south through flatter terrain to High Rock Dam. Upstream of High Rock Dam, the South Yadkin River joins the Yadkin near Salisbury in Rowan County. Just south of Falls Dam, the river becomes the Pee Dee River at its confluence with the Uwharrie River. Also located immediately downstream of the Falls Development on the Pee Dee are the Tillery and Blewett Falls impoundments operated by Progress Energy. The Pee Dee River continues a southeastern flow to Winyah Bay in South Carolina where the river meets the Atlantic Ocean. The larger Yadkin-Pee Dee River basin encompasses 7,213 square miles of drainage area.

Generally, the Project boundary follows the normal full-pool elevation of High Rock, Tuckertown, Narrows and Falls Reservoirs: 623.9-ft, 564.7-ft, 509.8-ft, and 332.8-ft (USGS Datum) respectively. The upstream Project boundary begins on the Yadkin River approximately two miles above Boone's Cave Park and continues downstream to approximately 330 feet below Falls Dam.

1.3 Description of Recreational Opportunities

Yadkin Project recreation areas provide opportunities for motorized and non-motorized boating, bank and pier fishing, swimming, camping, picnicking, and hiking. Recreational facilities available at the recreation areas generally include boat launching ramps, boat docks, fishing piers, swimming areas, picnic areas, campgrounds, and canoe portage trails. Table 1

provides a listing of the recreation areas included in this inventory.¹ Each of the recreation areas listed in Table 1 will be described in greater detail in Section 5.

Recently, APCI has begun discouraging use at several of the pull-off fishing areas because of the potentially unsafe vehicular/pedestrian interactions. Three of the sites listed in Table 1 are sites at which use has been discouraged: Crane Creek Fishing Access Pull-off, Abbotts Creek/NC 8 Bridge Pull-off, and Lick Creek Fishing Pull-off.

Table 1: Public and Commercial Recreation Areas on Yadkin Project Reservoirs

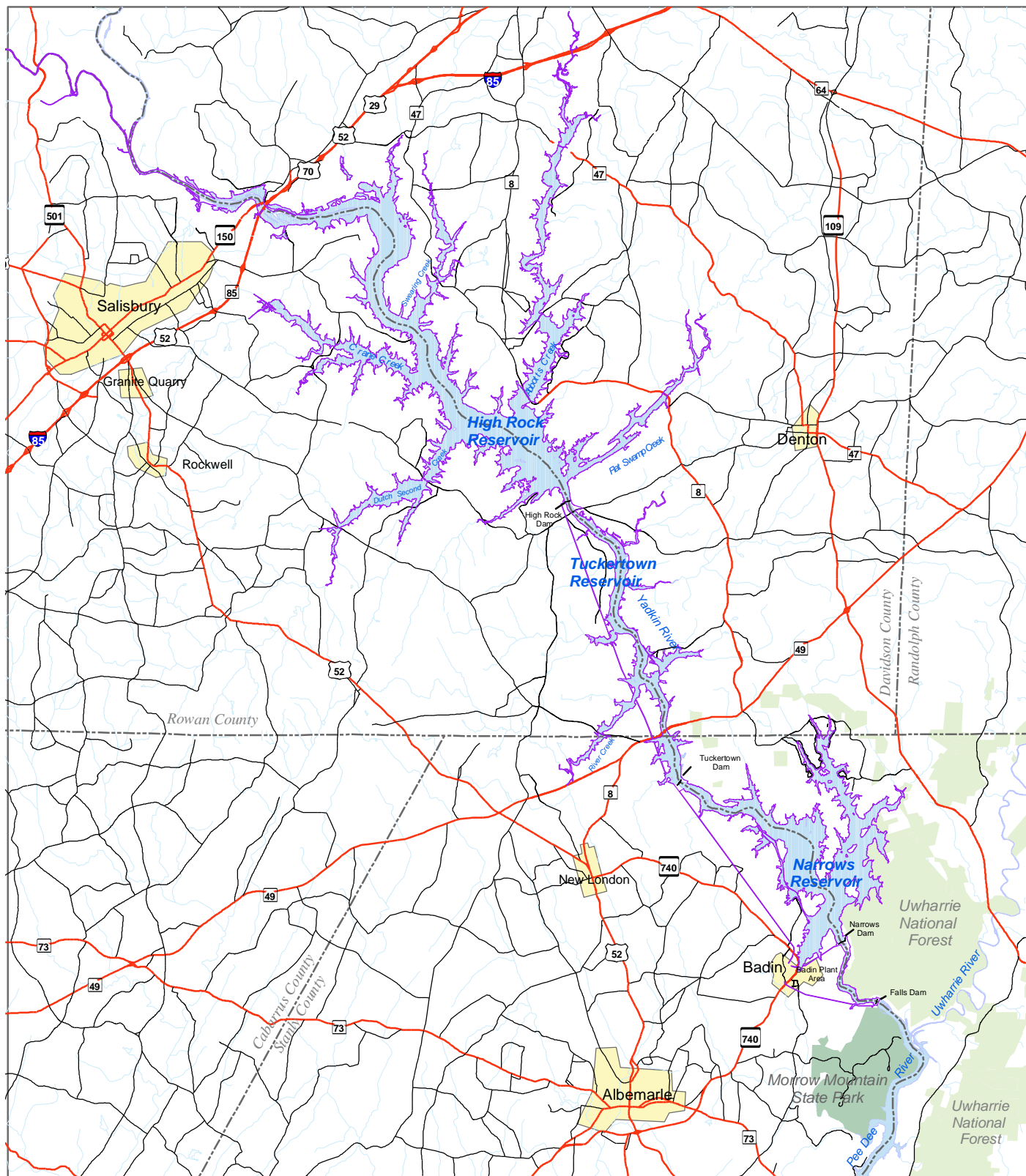
Recreation Area No.	Recreation Area	Reservoir
Public Access Recreation Areas		
H1	Highway 601 Access Area	High Rock
H3	Rowan County Pump Station	High Rock
H8	York Hill Boat Access	High Rock
H16	Crane Creek Fishing Access Pull-off	High Rock
H19	Little Crane Creek Fishing Access	High Rock
H28	Southmont Boat Access Area	High Rock
H36	Highway 47 Fishing Pull-off	High Rock
H39	Buddle Creek Boat Access Area	High Rock
H44	Abbotts Creek/NC 8 Bridge Pull-off	High Rock
H48	Dutch Second Creek Boat Access	High Rock
H64	Flat Swamp Boat Access	High Rock
H67	High Rock Dam Canoe Portage	High Rock
T1	High Rock Dam Tailrace Access (Rowan)	Tuckertown
T2	High Rock Dam Tailrace Access (Davidson)	Tuckertown
T3	Bringle Ferry Boat Access	Tuckertown
T4	Cedar Creek Fishing Pull-off	Tuckertown
T6	Lick Creek Fishing Pull-off	Tuckertown
T8	Flat Creek Boat Access Area	Tuckertown
T9	Flat Creek Fishing Access Area	Tuckertown
T10	Newsome Road Access	Tuckertown
T12	Riles Creek Recreation Area	Tuckertown
T14	Highway 49 Boat Access Area	Tuckertown
T15	Tuckertown Pull-off Fishing Access	Tuckertown
T16	Tuckertown Dam Canoe Portage	Tuckertown
N1	Tuckertown Dam Tailrace Access	Narrows/Badin
N2	Garr Creek Access Area	Narrows/Badin
N5	Old Whitney NCWRC Fishing Pier	Narrows/Badin

¹ Yadkin surveyed 40 public recreation areas at the time of the last FERC Form 80 Report (March 2003). Included in this report are all 40 of the previously surveyed areas in addition two four canoe portage trails and two UNF recreation areas (Arrowhead Campground and Badin Lake Group Camp (see Table 1), as well as five commercial areas.

N6	Old Whitney Boat Access Area	Narrows/Badin
N13	Circle Drive Boat Access Area	Narrows/Badin
N16	Lakemont Access Area	Narrows/Badin
N24	UNF Holt's Cabin Picnic Area	Narrows/Badin
N25	UNF Walk-in Fishing Pier	Narrows/Badin
N26	UNF Badin Lake Campground	Narrows/Badin
N27	UNF Cove Boat Landing	Narrows/Badin
N28	Palmerville Access Area	Narrows/Badin
N29	Badin Lake Swim/Picnic Area	Narrows/Badin
N30	Badin Boat Access	Narrows/Badin
N31	Narrows Dam Canoe Portage	Narrows/Badin
N36	Badin Lake Group Camp	Narrows/Badin
N38	UNF Arrowhead Campground	Narrows/Badin
F1	UNF Deep Water Trail Access	Falls
F2	Falls Boat Access	Falls
F3	Falls Dam Canoe Portage	Falls
Commercial Recreation Areas		
H31	High Rock Marina and Campground	High Rock
H42	High Rock Boat Dock Marina	High Rock
H18	High Rock Boat and Ski Club	High Rock
H47	Tamarac Marina	High Rock
N9/N10	Lake Forest CG/Fish Tales Marina	Narrows

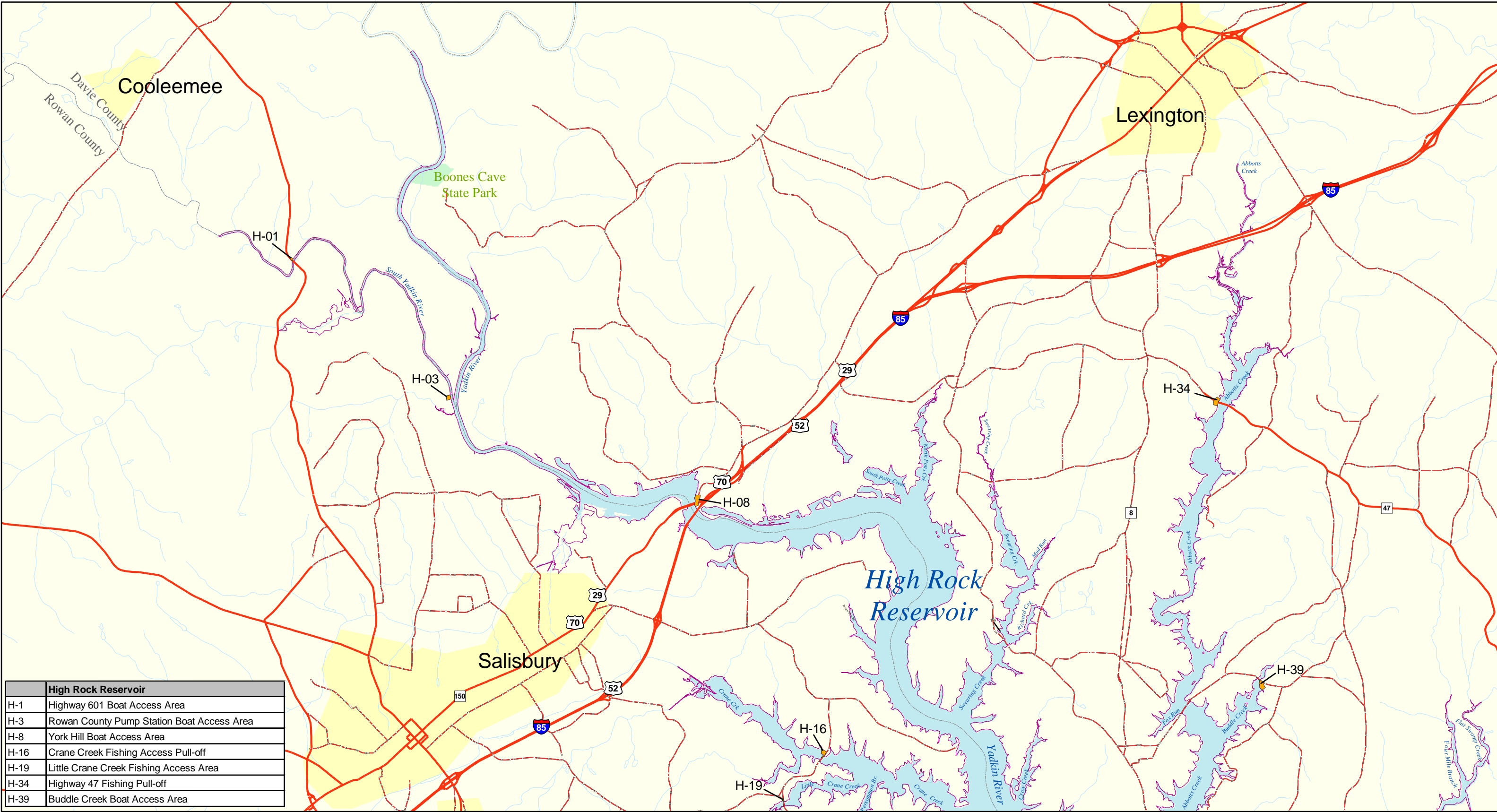
In addition to the recreation areas listed in Table 1, this inventory identifies 41 dispersed recreation areas (total) on all four reservoirs. Generally, these dispersed recreation areas are used for bank fishing and camping (see Section 5.3).¹

¹ "Dispersed recreation areas" are not formal recreation areas. Rather, these areas are places along the reservoir shorelines that are popular for fishing and camping.



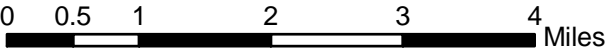
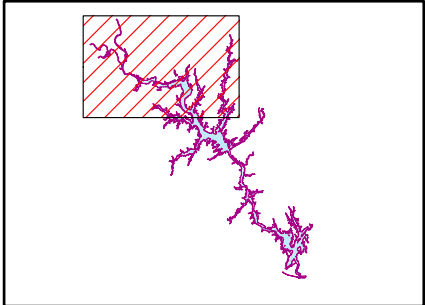
<ul style="list-style-type: none"> Highways (CAS & USGS) Major Roads (CAS & USGS) Streams (USGS 100k) Counties Licensed FERC Boundary Dams Digitized from 1997 Gemini Map of Uwharrie National Forest 	<h2>Regional Locus Map</h2> <h3>Yadkin Project</h3> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div>	
<p>September 2002</p>	<h2>FIGURE 1-1</h2>	


Figure 1-2: Public Access and Commercial Recreation Areas on High Rock Reservoir




	High Rock Reservoir
H-1	Highway 601 Boat Access Area
H-3	Rowan County Pump Station Boat Access Area
H-8	York Hill Boat Access Area
H-16	Crane Creek Fishing Access Pull-off
H-19	Little Crane Creek Fishing Access Area
H-34	Highway 47 Fishing Pull-off
H-39	Buddle Creek Boat Access Area

- Licensed FERC Boundary
- Highways
- Major Roads
- Streams
- Counties
- Dams
- Recreation Sites
- National Forest
- State Park







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Yadkin Division



Drawing Title: **Yadkin Project
Recreation Areas (1 of 4)**



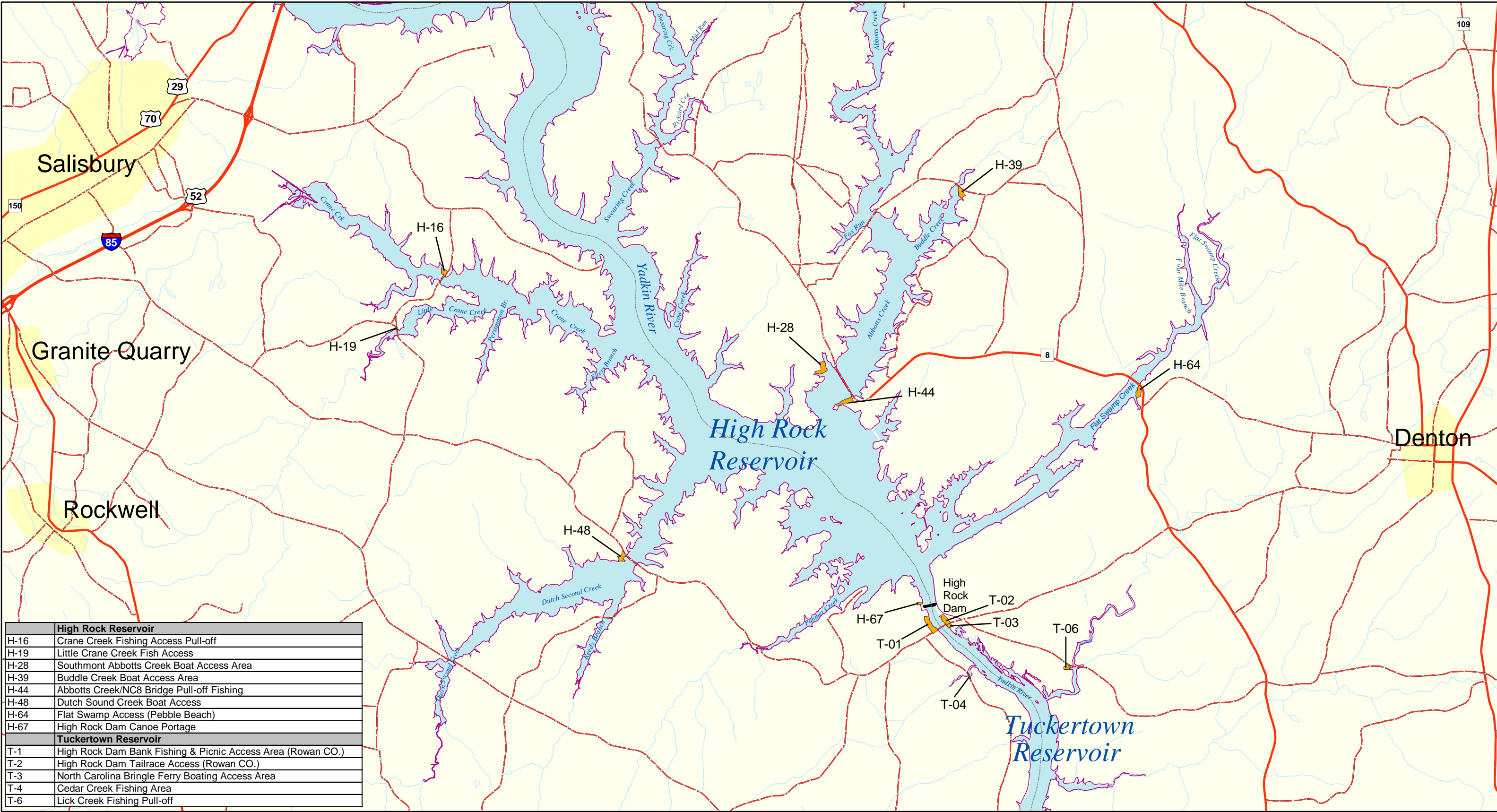
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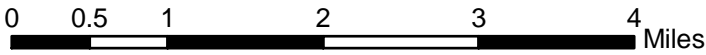
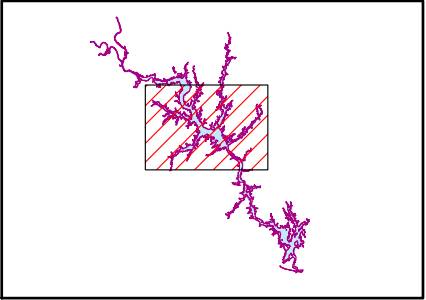
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Figure 1-3: Public Access Recreation Areas on Tuckertown Reservoir



	High Rock Reservoir
H-16	Crane Creek Fishing Access Pull-off
H-19	Little Crane Creek Fish Access
H-28	Southmont Abbotts Creek Boat Access Area
H-39	Buddle Creek Boat Access Area
H-44	Abbotts Creek/NC8 Bridge Pull-off Fishing
H-48	Dutch Sound Creek Boat Access
H-64	Flat Swamp Access (Pebble Beach)
H-67	High Rock Dam Canoe Portage
	Tuckertown Reservoir
T-1	High Rock Dam Bank Fishing & Picnic Access Area (Rowan CO.)
T-2	High Rock Dam Tailrace Access (Rowan CO.)
T-3	North Carolina Bringle Ferry Boating Access Area
T-4	Cedar Creek Fishing Area
T-6	Lick Creek Fishing Pull-off



- Licensed FERC Boundary
- Highways
- Major Roads
- Streams
- Counties
- Dams
- Recreation Sites
- National Forest
- State Park





Alcoa Power Generating Inc.
Yadkin Division

Drawing Title: Yadkin Project
Recreation Areas (2 of 4)



Map No.: YD704 Issue No.: 1
Plotfile: YD704a.pdf
Metadata ID No.: 578, 587, 599, 642, 665,
666, 670, 671, 701,
702, 727, 757, 1459,
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Issue Date: 26 May 04


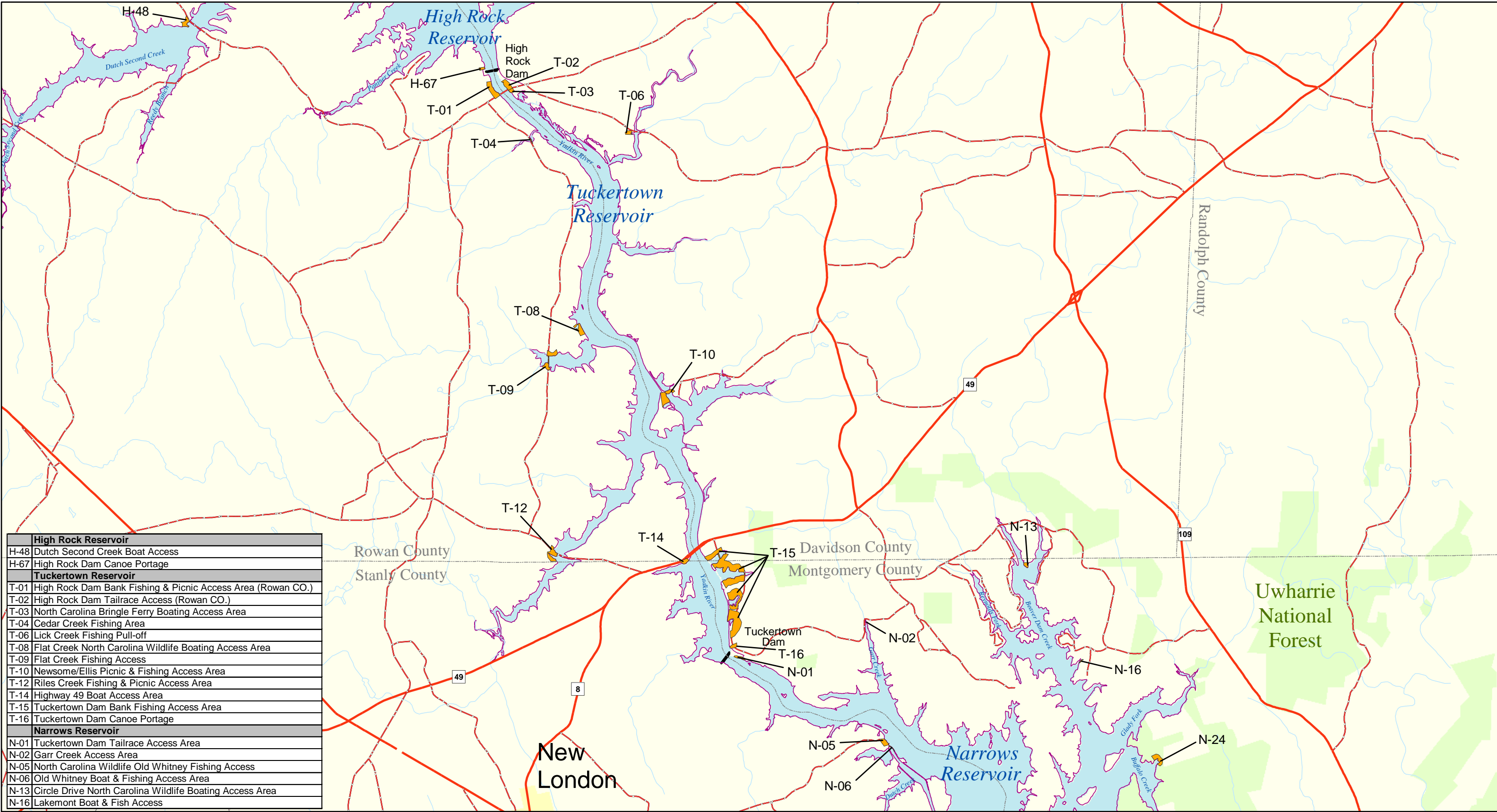


Figure 1-4: Public Access and Commercial Recreation Areas on Narrows Reservoir (Badin Lake)



High Rock Reservoir	
H-48	Dutch Second Creek Boat Access
H-67	High Rock Dam Canoe Portage
Tuckertown Reservoir	
T-01	High Rock Dam Bank Fishing & Picnic Access Area (Rowan CO.)
T-02	High Rock Dam Tailrace Access (Rowan CO.)
T-03	North Carolina Bringle Ferry Boating Access Area
T-04	Cedar Creek Fishing Area
T-06	Lick Creek Fishing Pull-off
T-08	Flat Creek North Carolina Wildlife Boating Access Area
T-09	Flat Creek Fishing Access
T-10	Newsome/Ellis Picnic & Fishing Access Area
T-12	Riles Creek Fishing & Picnic Access Area
T-14	Highway 49 Boat Access Area
T-15	Tuckertown Dam Bank Fishing Access Area
T-16	Tuckertown Dam Canoe Portage
Narrows Reservoir	
N-01	Tuckertown Dam Tailrace Access Area
N-02	Garr Creek Access Area
N-05	North Carolina Wildlife Old Whitney Fishing Access
N-06	Old Whitney Boat & Fishing Access Area
N-13	Circle Drive North Carolina Wildlife Boating Access Area
N-16	Lakemont Boat & Fish Access

Licensed FERC Boundary

Highways

Major Roads

Streams

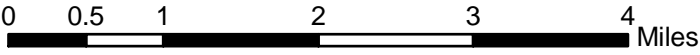
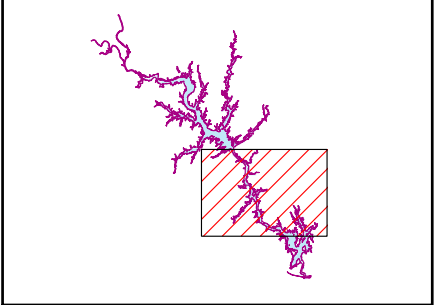
Counties

Dams

Recreation Sites

National Forest

State Park



Alcoa Power Generating Inc.
Yadkin Division

Drawing Title: **Yadkin Project
Recreation Areas (3 of 4)**

Map No.: YD705 Issue No.: 1

Plotfile: YD705b.pdf

Metadata ID No.: 578, 587, 599, 642, 665,
666, 670, 671, 701,
702, 727, 757, 1459,
1588, 1598, 1599

Issue Date: 28 May 04

Figure 1-5: Public Access Recreation Areas on Falls Reservoir



	Tuckertown Reservoir
T-12	Riles Creek Fishing & Picnic Access Area
T-14	Highway 49 Boat Access Area
T-15	Tuckertown Dam Bank Fishing Access Area
T-16	Tuckertown Dam Canoe Portage
	Narrows Reservoir
N-01	Tuckertown Dam Tailrace Access Area
N-02	Garr Creek Access Area
N-05	North Carolina Wildlife Old Whitney Fishing Access
N-06	Old Whitney Boat & Fishing Access Area
N-13	Circle Drive North Carolina Wildlife Boating Access Area
N-16	Lakemont Boat & Fish Access
N-24	UNF Holt's Cabin Picnic Area
N-25	UNF Walk-in-Fishing Pier
N-26	UNF Badin Lake Campground
N-27	UNF Cove Boat Landing
N-28	Palmerville Access Area
N-29	Badin Picnic & Swimming Area
N-30	Badin Boat Access
N-31	Narrows Canoe Portage
N-36	Badin Lake Group Camp
N-38	UNF Arrowhead Campground
	Falls Reservoir
F-01	UNF Deep Water Trail Access
F-02	Falls Boating Access Area
F-03	Falls Dam Canoe Portage

Licensed FERC Boundary

Highways

Major Roads

Streams

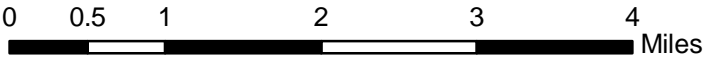
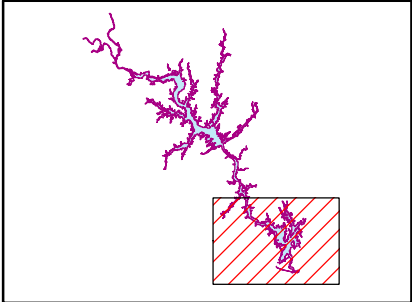
Counties

Dams

Recreation Sites

National Forest

State Park

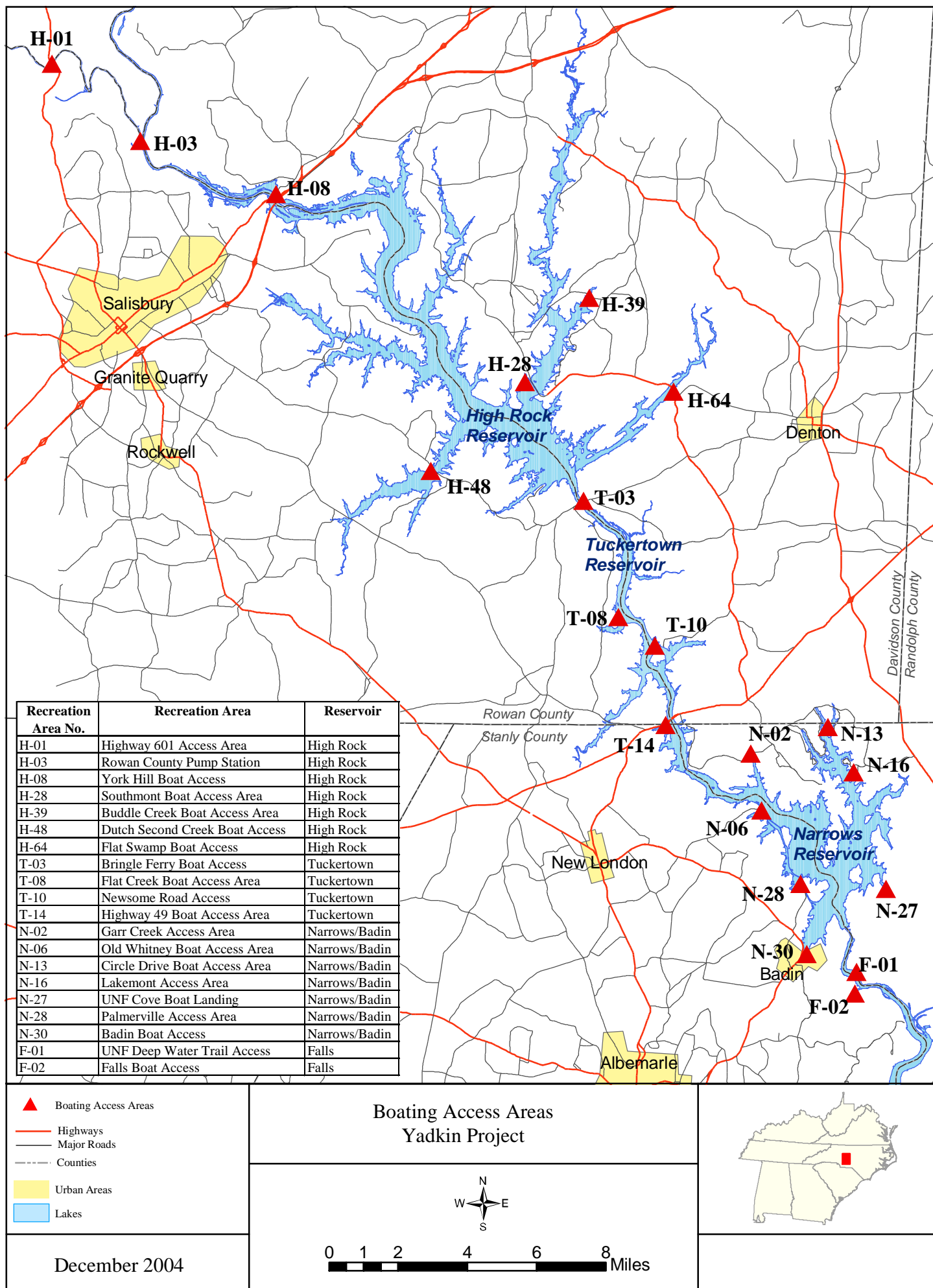


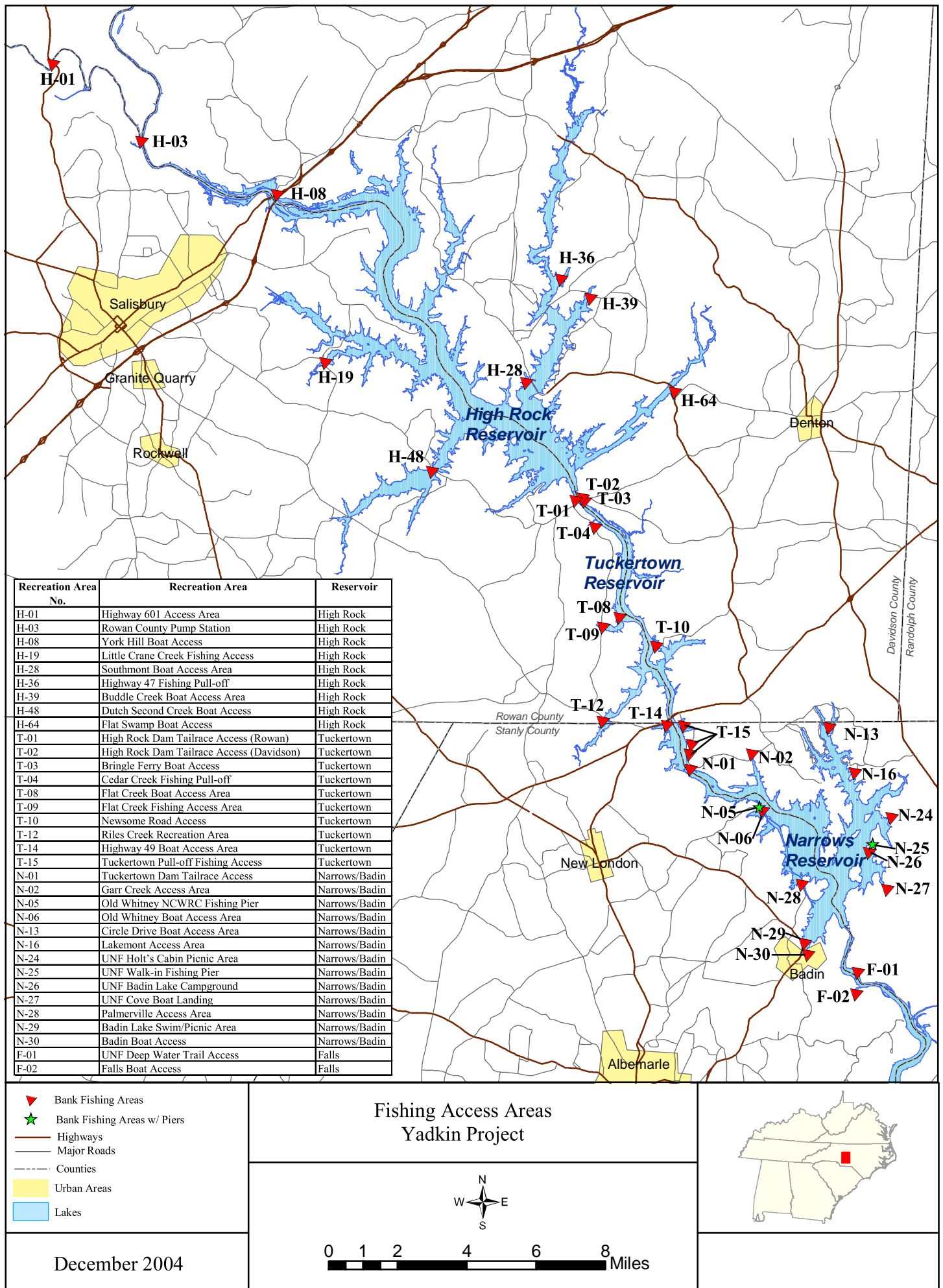
Alcoa Power Generating Inc.
Yadkin Division

Drawing Title: **Yadkin Project
Recreation Areas (4 of 4)**

APPLIED GEOGRAPHICS, INC.
Engineering People With Spatial Solutions

Map No.: YD706 Issue No.:2
Plotfile: YD706c.pdf
Metadata ID No.: 578, 587, 599, 642, 665,
666, 670, 671, 701,
702, 727, 757, 1459,
1588, 1598, 1599
Issue Date: 5 January 2005





1.4 Current Project Operations

Based on the availability of water, the Project developments are operated during peak periods (weekdays). High Rock is the uppermost and largest of the four reservoirs and is operated as a storage reservoir on a seasonal basis. High Rock is operated according to operating guides. Under these guides, the reservoir water levels are maintained at a higher level from May 15 – September 15 and are then drawn down during the fall and winter. Typically, the drawdown at High Rock is between 12 and 15 feet. Tuckertown Reservoir has limited storage capacity and is operated with a daily pondage and a normal fluctuation of 0 to 3 feet. Similar to High Rock, Narrows Reservoir (Badin Lake) has storage capabilities and a maximum drawdown capacity of 30 feet. However, Narrows is generally operated with fluctuation within a 3 feet range with that range only being exceeded in periods of very low inflow. Like Tuckertown Reservoir, Falls Reservoir has very limited storage capacity and is operated with a daily pondage and a normal fluctuation of 0 to 3 feet.

2 Need for Study

Under FERC regulations, hydropower licensees have a responsibility to provide reasonable public access to project lands and waters. Yadkin's current license sets forth its obligations for accommodating public recreation at the Project. Generally, the study results will address the adequacy of existing recreational opportunities, facilities, and access to accommodate current use and future demand. Additionally, the study results will help Yadkin make decisions regarding management, planning, design, and construction of recreation facilities at the Project.

3 Study Objectives

As outlined in the Final Study Plan (October 2003), the primary objective of this study is to fully inventory existing public recreation areas that provide direct access to Yadkin Project lands and/or waters. More specifically, the study aims to:

1. Describe the available recreation facilities
2. Detail the condition of the available recreation facilities
3. Identify any operational, maintenance, or safety issues at each recreation area
4. Assess the present adequacies and future accessibility needs for people with disabilities

The conclusions of this study are based solely on the information presented herein. However, this report is intended to be used alone and in combination with other information collected during the Recreation Use Assessment to evaluate the adequacy of existing Project public recreation areas to accommodate current use and future demand.

4 Study Methodology

4.1 Develop Inventory and Condition Forms

Three inventory forms were used to inventory the public access recreation areas: a Facilities Inventory and Condition Form, a Recreation Facility Disabled Access Assessment, and a USFS Recreation Site Inventory Form. The Facilities Inventory and Condition Form and the Recreation Facility Disabled Access Assessment were developed during the study planning process and were included in the Final Study Plan. The Facilities Inventory and Condition Form was used during field investigations to inventory each public recreation area. In addition to the Facilities Inventory and Condition Form, the Recreation Facility Disabled Access Assessment was used to evaluate the accessibility of each of the facilities at each public recreation area. A USFS Recreation Site Inventory Form was obtained from the USFS and was used to inventory three Uwharrie National Forest (UNF) campgrounds according to the standards used by the USFS. The three inventory forms have been included in Appendix B.

4.2 Facility Inventory, Condition and Disabled Access Assessment

Using the inventory forms discussed above, each access area was visited and inventoried one or more times from August 26, 2003 to May 5, 2004. Using the Facilities Inventory and Condition Form, each facility at every public recreation area was inventoried in terms of a description of the facilities and their dimensions, capacity, and condition¹. Because most of the recreation areas were visited only once, the inventory and condition assessment of the facilities is reflective of the observed characteristics on the specific day that each area was inventoried. As such, much of the information collected represents a “snapshot in time.”

The types of facilities inventoried included boating ramps and docks and fishing piers, campsites, day use/ picnic tables and pavillions, swimming areas and beaches, pedestrian and vehicular access facilities, sanitary facilities, and utilities. The condition of each facility was rated using the following criteria:

Condition	Explanation
(N) Needs Replacement	Broken or missing components, or non-functional
(R) Needs Repair	Structural damage or otherwise in obvious disrepair
(M) Needs Maintenance	Ongoing maintenance issue, primarily cleaning
(G) Good Condition	Functional and well-maintained

¹ Facilities that are described as “unimproved” facilities are facilities that generally do not have hardened surfaces but have become available through repeated individual use. Such facilities are also described as “dirt” facilities (i.e. a “dirt launch ramp”). Improved facilities or facilities that have been constructed are usually referred to by their respective surfaces (generally concrete or gravel).

For facilities that were not given a good (G) rating, an explanation of the rating is provided.

The inventory of public recreation areas within the Uwharrie National Forest were conducted with USFS staff, which provided guidance on USFS standards for recreation facilities. For campgrounds in the UNF, the Forest Service's Recreation Site Inventory Form was used to inventory the site and assess the condition of the available facilities. Generally, the U.S. Forest Service provides recreational opportunities and maintains Uwharrie National Forest recreational facilities according to USFS design requirements and accessibility standards. The USFS uses a system known as "Meaningful Measures" to inventory infrastructure, establish standards of quality, estimate costs, and prioritize work at its recreation areas. The USFS also focuses on experience-based management where the focus is the customer and his/her experience and providing a quality experience. Recreation areas in the UNF were inventoried with USFS staff to ensure that condition assessments were made in accordance with USFS standards.

During the condition assessment, the availability of the recreation facilities at varying reservoir elevations was also evaluated. Specifically, in 2003, Yadkin staff measured the water depths at the end of all boat ramps from normal full pool elevation. Field investigations were conducted during the December 2003 drawdown at Narrows Reservoir and existing information from the 2002 drought was also used in the assessment of facility availability at varying water levels. In accordance with a general policy of the North Carolina Wildlife Resources Commission (NCWRC. p. communication Dean Barbee), a three foot water depth at the end of a boat ramp is considered sufficient for motorized boat launching. This same reasoning was used in this Study Report when evaluating the availability of boat ramps at varying water levels.

Using the Recreation Facility Disabled Access Assessment Form, each facility was also evaluated for handicapped accessibility. Accessibility was determined using guidelines set by the United States Access Board under the provisions of the Americans with Disabilities Act (ADA). Specifically, the Access Board's guidelines for "Accessible Boating Facilities" (June 2003) and "Accessible Fishing Piers and Platforms" (June 2003) were used to determine whether facilities were barrier-free.¹ Generally, facilities were evaluated by assessing characteristics such as surfacing, accessible routes to facilities, dimensions of facilities, and any impediments to access.

Additionally, interviews were conducted with APGI, the USFS, and the NCWRC to better understand recent, ongoing, and planned facility improvements, maintenance programs, and any operational or functional issues associated with the recreation areas and facilities.

¹ The U.S. Access Board recently released updated ADA guidelines on July 23, 2004.

4.3 Recreation Area and Facility Mapping and Photography

The recreation areas and facilities were also documented visually by photograph and mapping. Major facilities at each recreation area were recorded by photo-documentation. Additionally, sites were sketched and measured by hand and geo-referenced using GPS. This information was used to develop a drawing of each public recreation area using Computer Aided Design (CAD).

5 Study Results

5.1 Public Recreation Areas Inventory and Condition Assessment

Generally, Yadkin manages the recreational facilities at the Yadkin Project responsibly to provide safe, clean, attractive, and accessible recreational facilities. Historically, Yadkin has worked cooperatively with federal, state, and local resource agencies to maintain existing recreational facilities to ensure safe public access, enhance existing recreational facilities or construct new facilities to meet regional recreation demand or to provide additional recreational opportunities, and to redesign and operate recreational facilities so they are barrier-free and accessible by persons with disabilities, where appropriate.

What follows is a description of the public access recreation areas and facilities available at each of the Project's four developments. Each inventory provides general information about the area, such as name and location, owner and operator, types of activities, availability of facilities at varying water levels, age of facilities, plans for upgrades or new facilities, site regulations, and operations, maintenance, and safety issues. Specific information for each area includes a completed inventory form, photographs, and CAD drawing.

5.1.1 High Rock Reservoir

There are 10 public recreation areas and four commercial recreation areas (see Section 5.2) located on High Rock Reservoir that provide direct access to the reservoir. The recreation areas on High Rock Reservoir are listed in Table 2.

There are major recreation facilities at seven of these public recreation areas (not including commercial sites) with three areas having no major facilities. Highway 47 Fishing Pull-off, Little Crane Creek Fishing Access, and the High Rock Dam Canoe Portage are the three recreation sites without major facilities. Crane Creek Fishing Pull-off, and Abbotts Creek/NC 8 Bridge Pull-off have historically been reported in FERC Form 80 Reports, but are currently considered "closed" and are not listed as "major facilities." Boat launch ramps (does not include unimproved, dirt ramps), boat docks, fishing piers, swim areas, campgrounds, and picnic areas are all considered major recreation facilities. On High Rock Reservoir, there are 8 boat ramps, 4 boat docks, 2 swim areas, and 4 picnic areas. Of these major recreation facilities on High Rock,

2 boat ramps and 1 boat dock are located in Rowan County and 1 boat ramp is located in Davie County. The remaining 5 boat ramps, 3 boat docks, 2 swim areas, and 4 picnic areas are located in Davidson County. See Table 2.

Table 2: Major Public Facilities on High Rock Reservoir by County and Access Area.

<i>High Rock Reservoir</i>		<i>Major Facilities</i>					
<i>Site Name</i>	<i>County</i>	<i>Boat Ramp¹</i>	<i>Boat Dock</i>	<i>Fishing Pier</i>	<i>Swim Area</i>	<i>Camp-ground</i>	<i>Picnic Area</i>
York Hill Boat Access	Davidson	2	0	0	0	0	0
Southmont Boat Access Area	Davidson	2	1	0	0	0	1
Highway 47 Fishing Pull-off	Davidson	0	0	0	0	0	0
Buddle Creek Boat Access Area	Davidson	1	1	0	1	0	2
Flat Swamp Boat Access	Davidson	1	1	0	1	0	1
Highway 601 Access Area	Davie	1	0	0	0	0	0
Rowan County Pump Station Access Area	Rowan	1	0	0	0	0	0
Little Crane Creek Fishing Access	Rowan	0	0	0	0	0	0
Dutch Second Creek Boat Access	Rowan	1	1	0	0	0	0
High Rock Dam Canoe Portage	Rowan	0	0	0	0	0	0
Davidson Co. Totals	5 areas	6	3	0	2	0	4
Davie Co. Totals	1 area	1	0	0	0	0	0
Rowan Co. Totals	4 areas	2	1	0	0	0	0
High Rock Reservoir Totals	10 areas	9	4	0	2	0	4

¹ “Boat ramp” is specific to ramps and does not consider individual launch lanes (e.g. one boat ramp may have two launch lanes).

5.1.1.1 Highway 601 Boat Access Area

Reservoir: High Rock

Site Name: Highway 601 Boat Access Area

Property Owner: APGI, Yadkin Division

Site Manager: Davie County Parks and Recreation Department (with permission from APGI, Yadkin Division)¹

Location: The Highway 601 Boat Access Area is on Highway 601, State Route 6700, and the South Yadkin River in Davie County, North Carolina.

Description of Facilities and Primary Recreational Activities²: There is a small parking area and a concrete boat ramp at the Highway 601 Boat Access Area. Non-motorized boat launching and bank fishing are the primary recreational activities. This site is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Yadkin's "public use rules."³

Availability of Facilities at Varying Water Levels: Highway 601 Access Area provides access to the riverine portion of the reservoir and is therefore generally unaffected by reservoir operations. Facilities may be affected by changes in river flow.

Age of Facilities: The Highway 601 Boat Access Area was constructed in 1985 by the Yadkin River Trail Association as an access point for the Yadkin-Pee Dee River Trail.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) No lighting (utility pole present). 2) Evidence of unauthorized fires and illegal dumping under the Highway 601 bridge. 3) Concrete slab present (12' x 14'); possibly missing a picnic table.

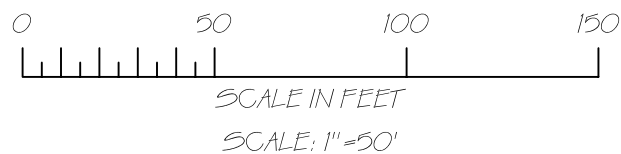
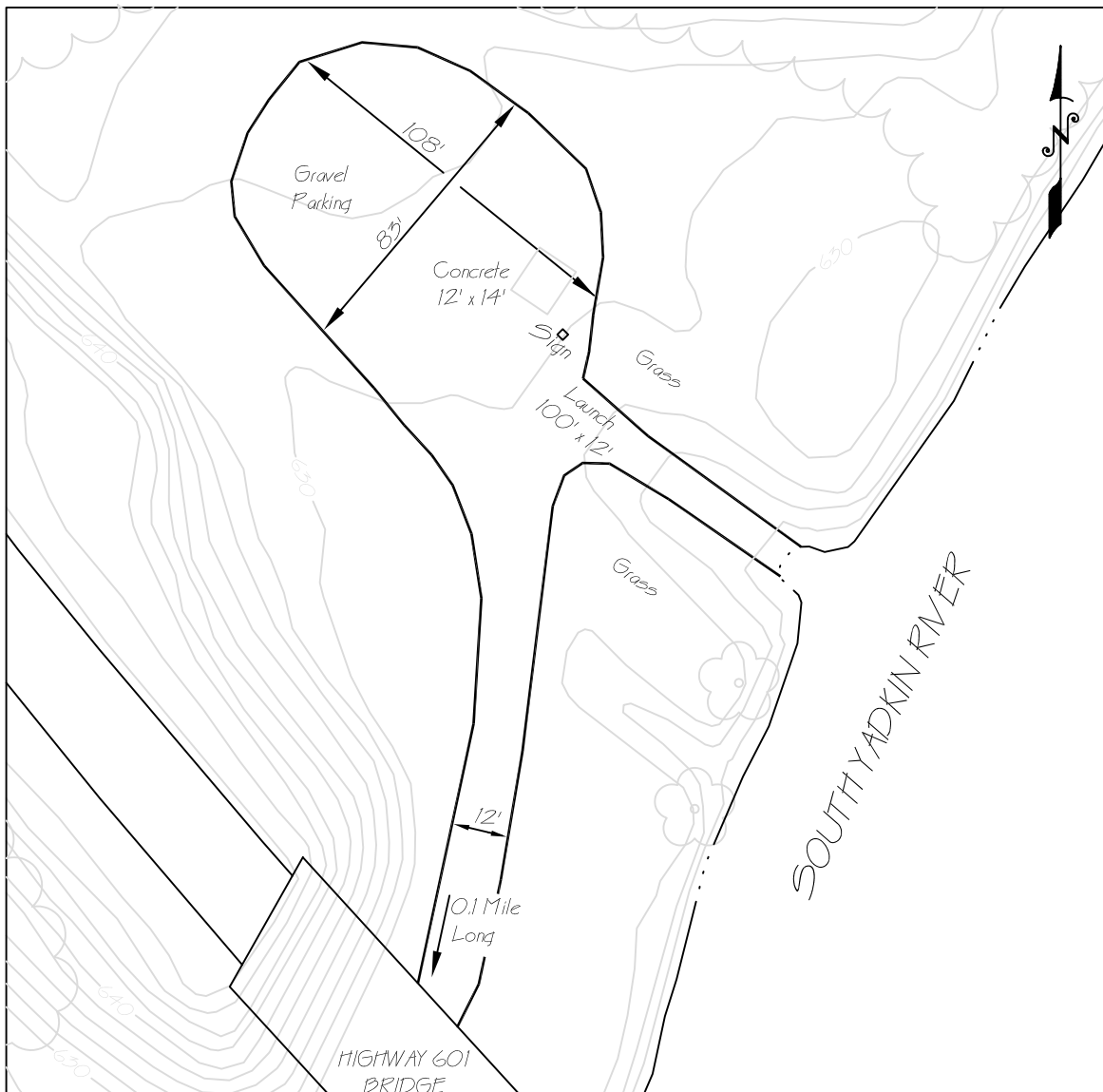
¹ Yadkin's agreement with the Davie County Parks and Recreation Department expires in 2008.

² Primary recreational activities generally correspond to the types of facilities available and include: boat launching, bank/pier fishing, picnicking, swimming, and camping. Boat launching is further distinguished between motorized and non-motorized. Non-motorized boat launching is the predominant activity occurs at launch ramps on the riverine portion of the reservoir and unimproved launch facilities whereas motorized boat launching is considered the predominant activity at other improved launch facilities

³ Yadkin's "public use rules" include no alcoholic beverages, no camping and open fires, no illegal drugs, no firearms and dangerous weapons, no disorderly conduct, and no littering. From this point forward, these regulations will be referred to simply as Yadkin's "public use rules."

Photographs: (1) Highway 601 Boat Access Area, and (2) Boat Ramp





Alcoa Power Generating Inc.
Yadkin Division

HIGHWAY 601 BOAT ACCESS AREA
SOUTH YADKIN RIVER

Date: 10 MAR 04

File Name: H-1 Highway 601 (rev2).dwg

Site Inventory:

An inventory of the recreational facilities available at the Highway 601 Access Area was conducted on October 29, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	Single lane concrete ramp to water's edge (655 contour) then unimproved (dirt) launch lane	12' x 100'	(M) Sedimentation/mud covering ramp
Fishing			
Unimproved access to the shoreline	Bank fishing	Approximately 350'	(G)
Vehicular Access			
Parking	Two gravel parking areas	Approximately 30' x 70' and 85' x 100'	(G)
Utility/Sanitary			
Trash receptacles	Four black metal receptacles mounted on two 4x4s	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign¹ (2) No Swimming: Boat Launch Area Yadkin's Public Use Rules This Access is Closed at Sunset or 8:30 p.m. Yadkin Pee-Dee River Canoe Trail Access 	8' x 4' 2' x 2' 3' x 3' 24" x 12"; 24" x 18" 18" x 24"	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	No accessible pathway to or along boat ramp.
Boat dock Total No. (0) Accessible No. (0)	There is no boarding or courtesy dock.
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (350')	Shoreline generally not accessible (no fishing pier or pads). No accessible pathway along the shoreline.

¹ The Welcome Sign is the Part 8 sign as required by FERC.

Accessible No. (0')	
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location: Near	Gravel parking area; no designated spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (0)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.1.2 Rowan County Pump Station Boat Access Area

Reservoir: High Rock

Site Name: Rowan County Pump Station Boat Access Area

Property Owner: Rowan County Parks and Recreation Department

Site Manager: Rowan County Parks and Recreation Department

Location: The Boat Access Area at the Rowan County Pump Station is located off Hannah Ferry Road, State Route 1926.

Description of Facilities and Primary Recreational Activities: The Rowan County Pump Station Boat Access Area consists of a small parking area, a concrete boat ramp and approximately 150 feet of shoreline fishing access. Non-motorized boat launching and bank fishing are the primary recreational activities. Canoeists putting in at the Highway 601 Access Area will typically take out at the Rowan County Pump Station. This site is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Access is closed at sunset or 8:30 p.m. 2) No trespassing after hours. 3) Yadkin's "public use rules."

Availability of Facilities at Varying Water Levels: Rowan County Pump Station Boat Access Area provides access to the riverine portion of the reservoir and is therefore generally unaffected by reservoir operations. Facilities may be affected by changes in river flow.

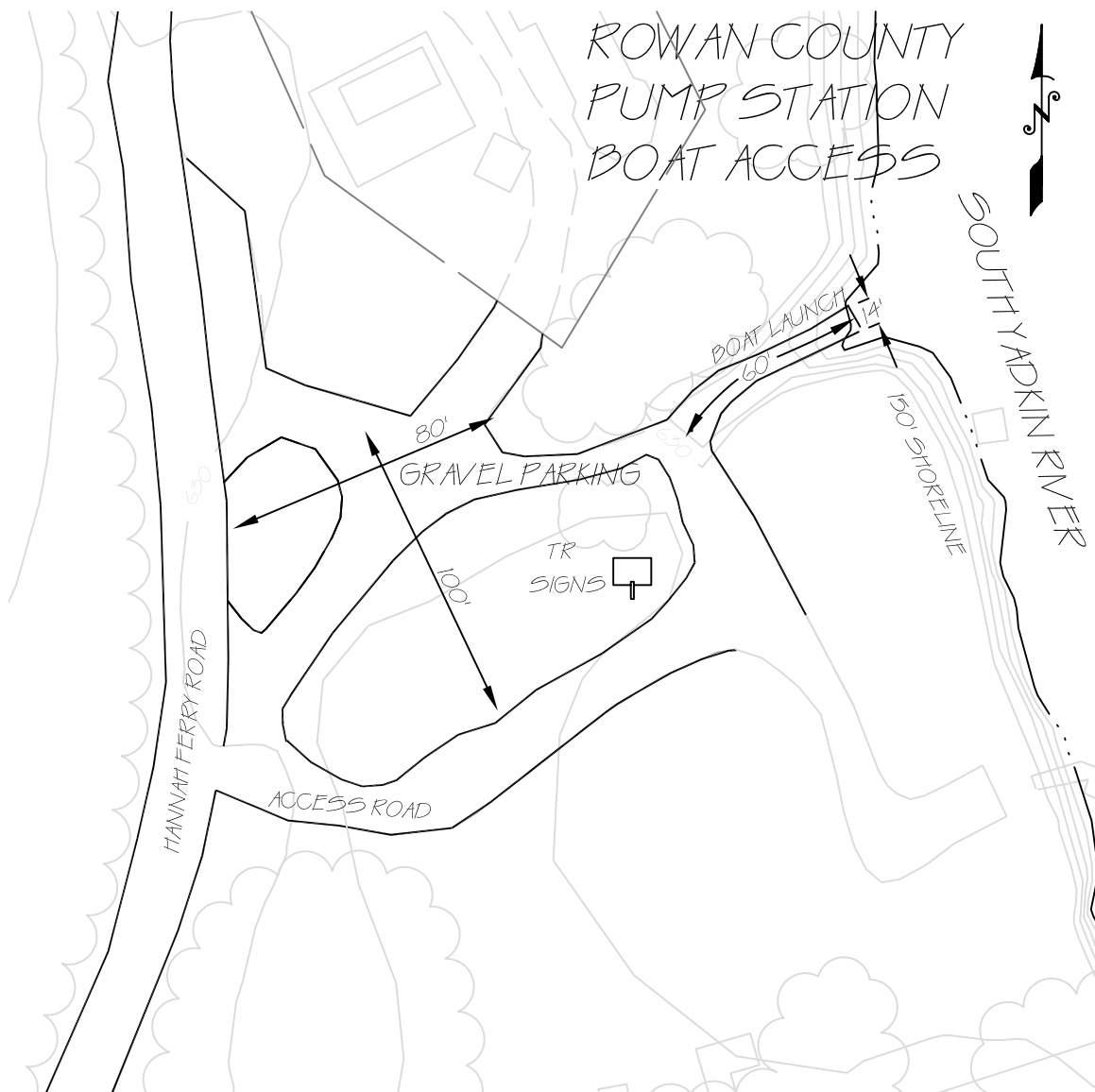
Age of Facilities: The Rowan County Pump Station Boat Access Area was constructed in 1984 by the Yadkin River Trail Association as an access point for the Yadkin-Pee Dee River Trail.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) Evidence of high water. 2) Evidence of boating and vandalism.

Photographs: (1) Vandalized Sign (has recently been replaced) , and (2) Welcome Sign and (3) Boat Ramp





Alcoa Power Generating Inc.
Tapoco Division

ROWAN COUNTY PUMP STATION BOAT ACCESS
SOUTH YADKIN RIVER

Date: 10 MAR 04

File Name: H-3 Rowan County Pump Station (rev3).dwg

Site Inventory:

An inventory of the recreational facilities available at the Rowan County Pump Station Access Area was conducted on October 29, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	Single lane concrete boat ramp	14' x 60'	(G) Good
Fishing			
Unimproved access along the shoreline	Bank fishing	Approximately 150'	(G) Gentle slope, easy access
Vehicular Access			
Parking	Gravel parking area	Approximately 90' x 100'	(G) Good
Utility/Sanitary			
Lighting	Light at pump station aimed toward access area	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign (1) Yadkin-Pee Dee River Canoe Trail Access Access is Closed at Sunset or 8:30 p.m. For Your Safety Enter and Leave River Only at Designated Public Access Areas 	8' x 4' 18" x 24" 48" x 18" 48" x 18"	(G) Vandalized sign has recently been replaced

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	No accessible pathway or courtesy dock.
Boat dock Total No. (0) Accessible No. (0)	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (150') Accessible No. (0')	Shoreline access has gentle slope but has no accessible pathways. No available fishing piers or pads.
Camping	
Campground Total No. Accessible No.	N/A

Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	Gravel parking area with no designated parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.1.3 York Hill Boat Access

Reservoir: High Rock

Site Name: York Hill Boat Access

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The York Hill Boat Access is located on Old Salisbury Road off of Highway 29, northeast of Spencer in Davidson County.

Description of Facilities and Primary Recreational Activities: The York Hill Boat Access consists of a large gravel parking area, two concrete boat ramps, and shoreline fishing access. Both non-motorized and motorized boat launching and bank fishing are the primary recreational activities at this area. This access area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) No trespassing after hours. 2) No camping. 3) No open fires. 4) No alcoholic beverages. 5) No loitering.

Availability of Facilities at Varying Water Levels: Evidence of shoreline access being affected by varying water levels (changing footpath routes) and the smaller of the two boat ramps was covered in mud at the time of the inventory. Changing water levels are assumed to be the result of changing river flow.

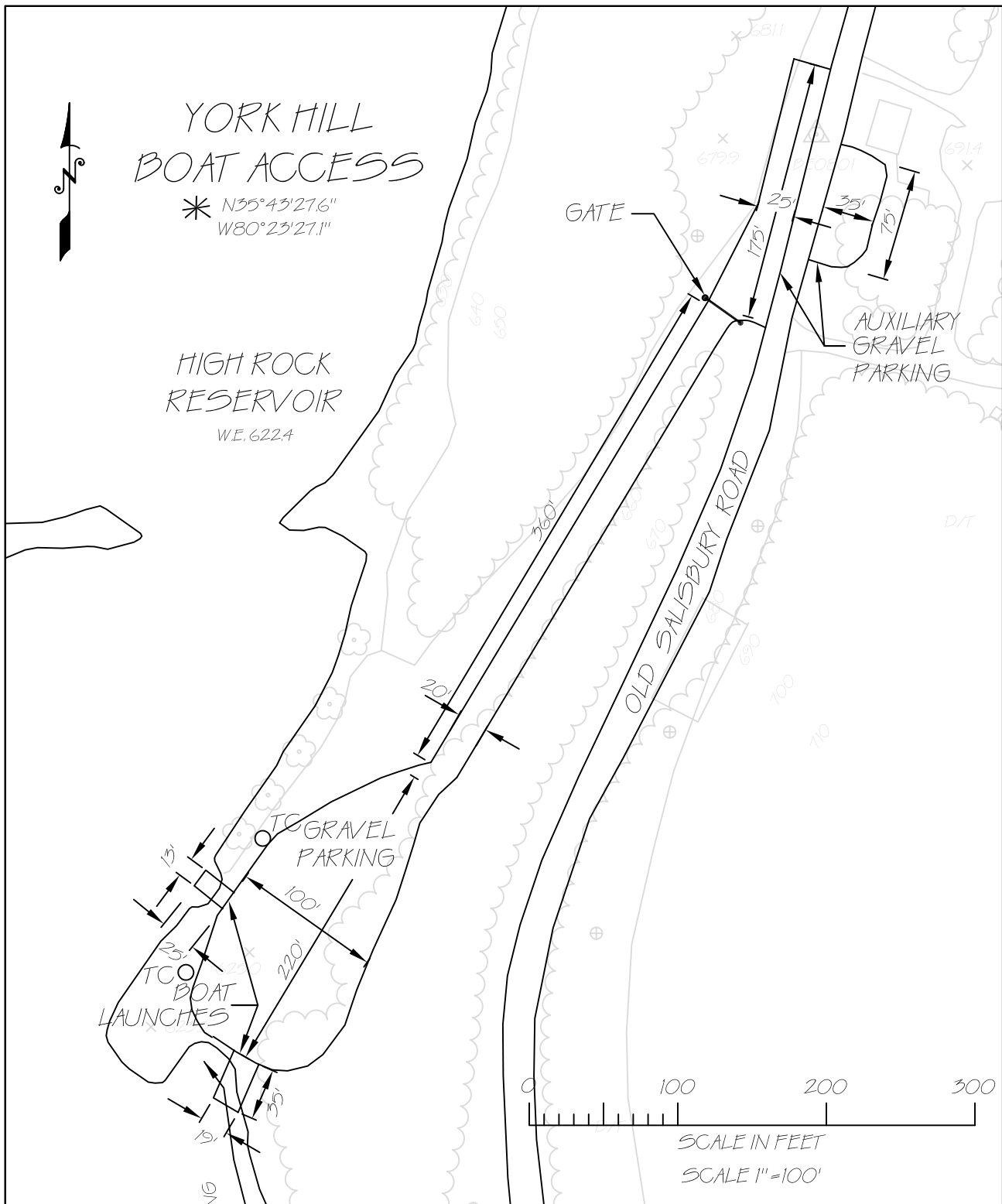
Age of Facilities: The York Hill Boat Access was constructed in 1985 by the Yadkin River Trail Association as part of the Yadkin-Pee Dee River Trail.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) Evidence of litter. 2) Parking in one of the auxiliary lots would require crossing Old Salisbury Road. 3) No lighting. 4) Evidence of vandalism and unauthorized fires.

Photographs: (1) Overview of York Hill Boat Access, and (2) Boat Launch Ramp





Alcoa Power Generating Inc.
Yadkin Division

YORK HILL BOAT ACCESS
HIGH ROCK RESERVOIR - YADKIN RIVER

Date: 10 MAY 04

File Name: H-8 York Hill Boat Access.dwg

Site Inventory:

An inventory of the recreational facilities available at the York Hill Boat Access was conducted on March 15, 2004.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	One large concrete ramp One small concrete ramp	20' x 35' 11' x 25'	(G) (M) Covered by a layer of mud
Fishing			
Unimproved access to the shoreline	Bank fishing	Approximately 300'	(G)
Pedestrian Access			
Foot path	Unimproved footpaths along shoreline for bank fishing (multiple routes)	Approximately 300'	(G)
Vehicular Access			
Parking	One large gravel parking area and 2 smaller auxiliary parking areas at Old Salisbury Rd.	220' x 100' 175' x 25' and 75' x 35'	(G) (G)
Secondary gravel road	Short access road from Old Salisbury Rd.	N/A	(R) Gravel has been worn away leaving exposed dirt road
Utility/Sanitary			
Trash receptacles	Two receptacles (1 metal and 1 plastic) mounted on two 4x4s	N/A	(G) Generally good; one has been vandalized by graffiti
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign (1) Posted: No Vehicle Traffic Beyond This Point Yadkin Pee-Dee River Canoe Trail Access 	8' x 4' 2' x 2' 18" x 24"	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (2) Accessible No. (0)	No accessible pathway to or along either boat ramp.
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access	Shoreline generally not accessible (no accessible pathways). No available fishing piers or

Total no. (300')	pads.
Accessible No. (0')	
Camping	
Campground	N/A
Total No.	
Accessible No.	
Swimming	
Designated Swim Area	N/A
Total No.	
Accessible No.	
Sand Beach	N/A
Total No.	
Accessible No.	
Picnicking	
Picnic tables	N/A
Total No.	
Accessible No.	
Access and Parking	
Access to facilities	No accessible pathways.
Parking	Gravel parking area. No designated handicapped spaces
Total No.	
Accessible No.	
Location:	
Sanitary Facilities	
Toilet and shower facilities	N/A
Total No.	
Accessible No.	
Other Features	
Drinking Water	N/A
Trash receptacles (0)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.1.4 Crane Creek Fishing Access Pull-off

Reservoir: High Rock

Site Name: Crane Creek Fishing Pull-off Access Area

Property Owner: North Carolina Department of Transportation (NCDOT)

Site Manager: North Carolina Department of Transportation and APGI, Yadkin Division

Location: The Crane Creek Fishing Pull-off Access Area is located off Goodman Lake Road, State Route 2168, at the Crane Creek Bridge.

Description of Facilities and Primary Recreational Activities: Crane Creek is a small pull-off fishing area. Bank fishing is the primary recreational activity at the Crane Creek Fishing Pull-off Access Area. Yadkin has discouraged use of this area because of the potentially unsafe vehicular/pedestrian interactions associated with pull-off bank fishing. No parking signs have been posted along Goodman Lake Road.

Site Regulations : 1) No parking.

Availability of Facilities at Varying Water Levels: This area is generally unaffected by fluctuations in reservoir levels.

Age of Facilities: No improved facilities provided.

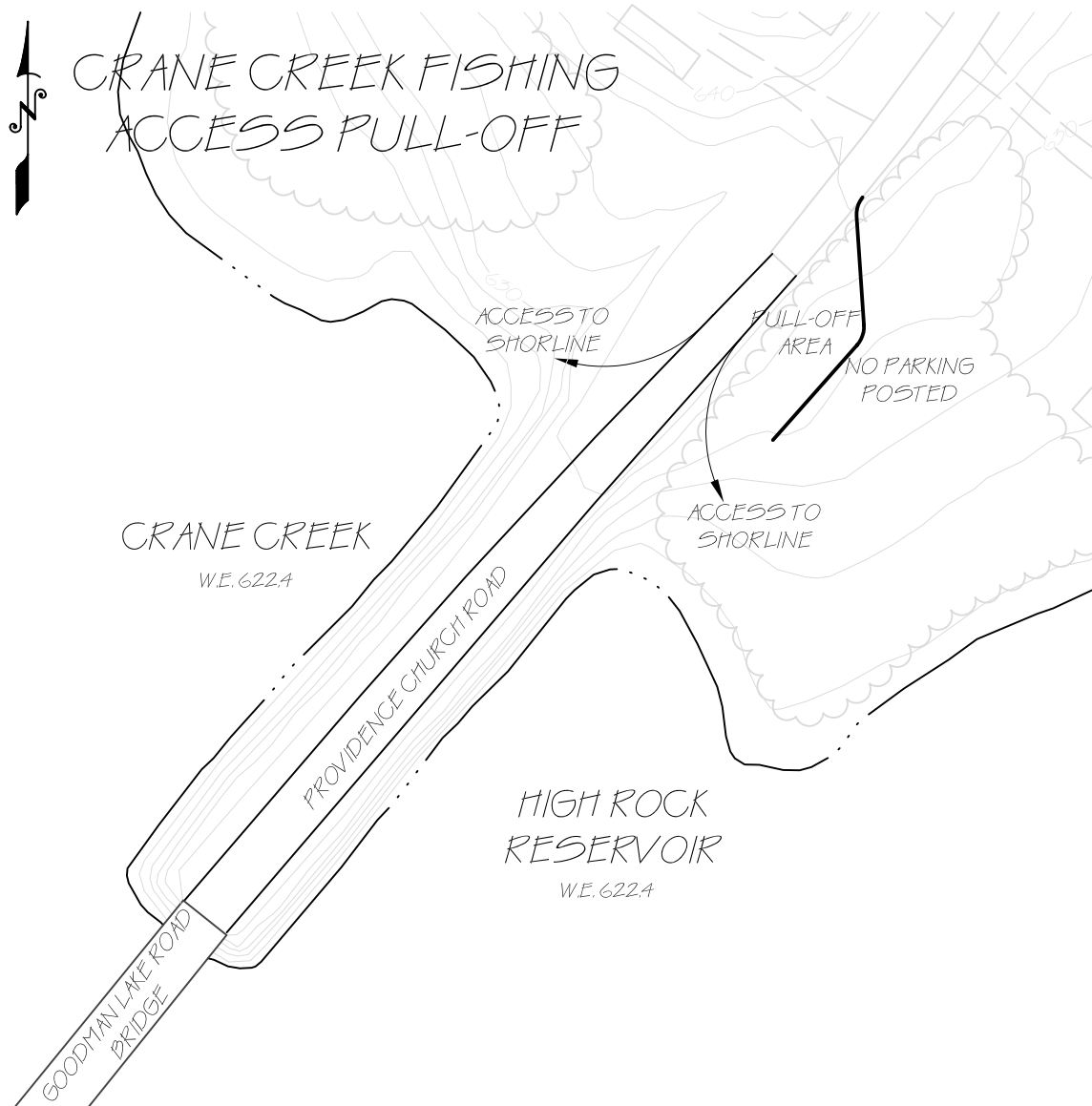
Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: The potentially unsafe vehicular/pedestrian interactions associated with pull-off bank fishing are a safety issue at this access area.

Site Inventory:

An inventory of the recreational facilities available at the Crane Creek Fishing Pull-off Access Area was conducted on October 29, 2003.

The Crane Creek Fishing Pull-off Access Area is a small unimproved bank fishing access site. The site consists of unauthorized pull-off parking (“No Parking” signs present) at the intersection (bridge) of Goodman Lake Road and Crane Creek. From the parking area, there is unimproved shoreline access extending from the bridge in both directions along the shoreline. Yadkin has discouraged use of this area because of the potentially unsafe vehicular/pedestrian interactions associated with pull-off bank fishing.



Alcoa Power Generating Inc.
Yadkin Division

**CRANE CREEK FISHING ACCESS PULL-OFF
HIGH ROCK RESERVOIR - YADKIN RIVER**

Date: 10 MAR 04

File Name: H-16 Crane Creek (rev2).dwg

5.1.1.5 Little Crane Creek Fishing Access

Reservoir: High Rock

Site Name: Little Crane Creek Fishing Access Area

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Little Crane Creek Fishing Access Area is located off Providence Church Road, State Route 2134 in Rowan County, North Carolina.

Description of Facilities and Primary Recreational Activities: Little Crane Creek Fishing Access Area consists of a small parking lot, two gravel boat ramps, and approximately 750 feet of shoreline fishing access. Bank fishing and non-motorized boat launching are the primary recreational activities at the Little Crane Creek Fishing Access Area. This site is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Yadkin's "public use rules." 2) No swimming at boat launch area.

Availability of Facilities at Varying Water Levels: Evidence of high water along shoreline fishing areas.

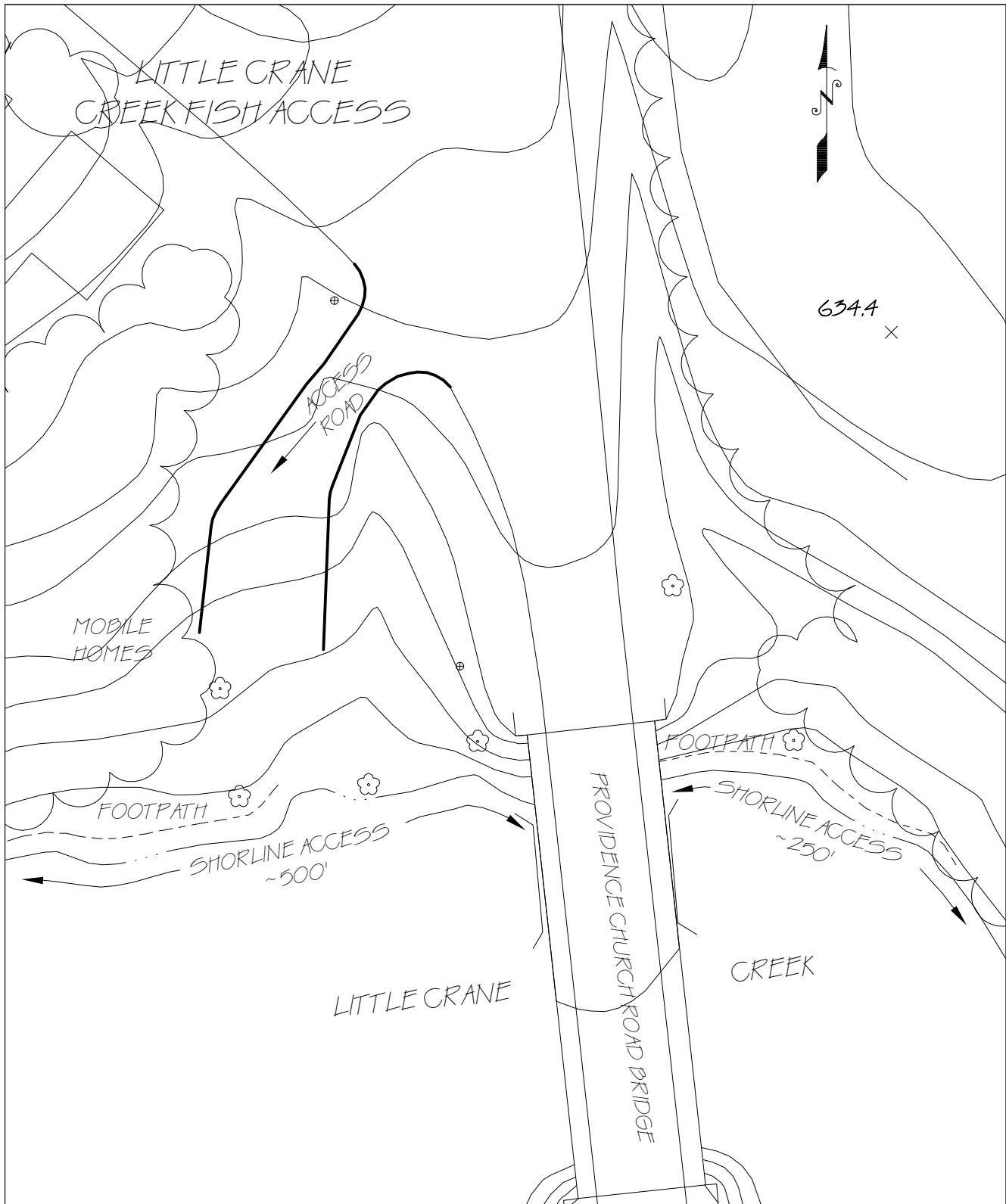
Age of Facilities: Unknown.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: Shoreline access to Little Crane Creek is from both sides of Providence Church Road. When the water level is high, users must cross over Providence Church Road to access the other side (users cannot move under the bridge at higher water levels). Parking is limited and therefore, there is some roadside parking. No lighting is present although a utility pole is on site.

Photographs: (1) Overview and (2) Shoreline access





Alcoa Power Generating Inc.
Yadkin Division

**LITTLE CRANE CREEK FISH ACCESS
HIGH ROCK RESERVOIR - YADKIN RIVER**

Date: 15 DEC 03

File Name: H-19(rev1).dwg

Site Inventory:

An inventory of the recreational facilities available at the Little Crane Creek Fishing Access Area was conducted on October 29, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramps	Two gravel boat ramps; shallow water	N/A	(R) Add gravel
Fishing			
Bank fishing	Unimproved access to the shoreline	Approximately 750'	Some erosion
Vehicular Access			
Parking	Gravel parking area	60' x 80'	(R) Needs repair. Severe gully erosion; grading and gravel work needed
Secondary gravel road	Off of Providence Church Road	N/A	(R) Gully erosion; needs grading and gravel
Utility/Sanitary			
Trash receptacles	Six blue plastic trash receptacles mounted on 2 4x4s	Six	(G) Generally good; one receptacle vandalized
Signs			
Signs	<ul style="list-style-type: none"> Yadkin's public use rules (2) No Swimming Boat Launch Area No Vehicle Traffic Beyond this Point (2) Absolutely no Vehicles Beyond this Point (4) 	8' x 4' 2' x 2' 3' x 3'	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (2) Accessible No. (0)	Unimproved launch lanes. No accessible pathway or courtesy dock.
Boat dock Total No. (0) Accessible No. (0)	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (750') Accessible No. (0')	Shoreline generally not accessible (no accessible pathway, fishing pier or pads).
Camping	
Campground	N/A

Total No. Accessible No.	
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	Gravel parking area with no reserved parking spaces. Difficult terrain.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.1.6 Southmont Boat Access Area

Reservoir: High Rock

Site Name: Southmont Boat Access Area

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Southmont Boat Access Area is located off Wildlife Area Recreation Road, State Route 1300 in Davidson County, North Carolina.

Description of Facilities and Primary Recreational Activities: The Southmont Boat Access Area has a large parking area, two boat ramps (one double lane ramp and one triple lane ramp), a boat dock, picnic tables, and shoreline fishing access. Motorized boat launching is the primary recreational activity at the Southmont Boat Access Area. Bank fishing is a secondary use. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: Yadkin's "public use rules."

Availability of Facilities at Varying Water Levels: The boat ramp nearest the head of the cove is shorter in length and has a shallower water depth than the primary, triple-lane boat launch and therefore a sign is posted suggesting that the boat ramp not be used for launch or recovery when High Rock Reservoir is more than 5-ft below normal full pool. This ramp is periodically closed due to low water levels. The water depth at the end of the triple-lane divided boat ramp is 18.3 feet as measured from normal full pool and will generally remain usable up to a 15-ft drawdown or less.

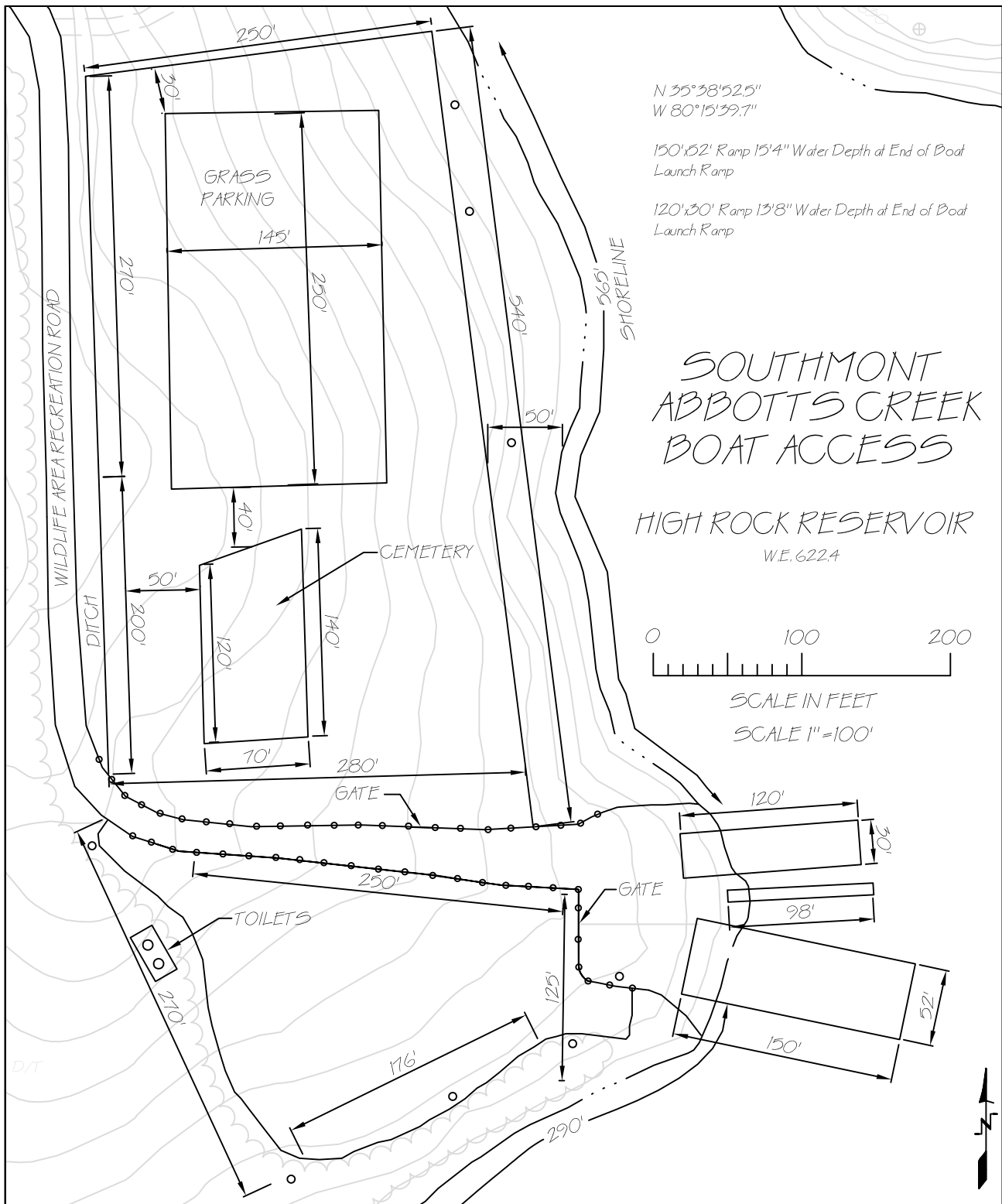
Age of Facilities: The Southmont Boat Access Area was constructed in 1963 by the NCWRC and subsequent improvements were added in 1984 by Yadkin. Yadkin recently (December 2001) installed a new anti-sway floating dock at the Southmont Boat Access Area.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: Evidence of unauthorized fires.

Photographs: (1) Launch Ramp and (2) Overview of Southmont Boat Access Area





Alcoa Power Generating Inc.
Yadkin Division

SOUTHMONT ABBOTTS CREEK BOAT ACCESS AREA
HIGH ROCK RESERVOIR - YADKIN RIVER

Date: 30 JUN 04

File Name: H-28 Southmont Boat Access.dwg

Site Inventory:

An inventory of the recreational facilities available at the Southmont Boat Access Area was conducted on February 16, 2004.

Facility	Description	Dimensions	Condition
Boating			
Boat ramps (2)	One double lane concrete boat ramp One triple lane divided concrete boat ramp	30' x 120' 52' x 160 (each lane is about 16' wide)	(R) Needs repair/extension (G)
Boat dock	Anti-sway floating dock (stationary to floater) with curbs and blue reflectors	Stationary – concrete 8' x 6.2' Floater – 8' x 92'	(G) Recently installed (December 2001).
Navigation/info buoy	Two “Slow: No Wake” buoys	N/A	(G)
Fishing			
Bank fishing	Unimproved access to the shoreline	Approximately 850'	(G)
Picnicking			
Picnic tables	Three concrete picnic tables along shoreline	3' x 6' (table top) 0.85' x 6' (benches) 1' (overhang)	(G)
Shade Trees/Grass Area			
Vehicular Access			
Parking	Two gravel parking areas; opportunity for overflow parking in adjacent grassy area	1) 215' x 205' 2) 120' x 220' 3) 145' x 250' (grassy area)	(G)
Utility/Sanitary			
Toilet	Two portable toilets behind a wood screen	N/A	(G)
Trash receptacles	Eight blue plastic trash receptacles and three black metal trash receptacles mounted to 2 4' x 4's	N/A	(G)
Lighting	Two utility poles with lights	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Yadkin welcome signs (5) Yadkin's Public Use Rules (2) No Swimming Boat Launch Area (5) Yadkin Pee-Dee River Canoe Trail Access This Launch Is Not Recommended For Launch Or Recovery 	8' x 4' 3' x 3'; 2' x 2' 2' x 2' 18" x 24"	(G)

	<p>When Lake Level Is More Than Five Feet Below Full Pond</p> <ul style="list-style-type: none"> No Vehicle Traffic Beyond This Point (3) No Parking Staging Area (2) 	<p>2' x 2'</p> <p>12" x 18"</p>	
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Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (2) Accessible No. (0)	Concrete launch ramps and courtesy dock designed to be accessible. Launch ramp and courtesy dock are not along an accessible pathway.
Boat dock Total No. (1) Accessible No. (0)	Boat dock was constructed to be barrier-free, but it is not along an accessible pathway.
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A.
Shoreline fishing access Total no. (850') Accessible No. (0')	No accessible pathways or fishing pads. Terrain is difficult with exposed roots etc.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (3) Accessible No. (0)	Picnic tables are not along an accessible pathway. Picnic tables are not accessible (overhang is less than 19").
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	Gravel parking areas with no designated parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. (2) Accessible No. (0)	Portable toilets are not accessible. Also the toilets are not along an accessible pathway.

Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.1.7 Highway 47 Fishing Pull-off

Reservoir: High Rock

Site Name: Highway 47 Fishing Pull-off

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: Highway 47 at Abbotts Creek Arm of High Rock Reservoir in Davidson County.

Description of Facilities and Primary Recreational Activities: The Highway 47 Pull-off consists of a small pull-off parking area and approximately 700 feet of shoreline fishing access. Bank fishing is the primary recreational activity.

Site Regulations: None posted.

Availability of Facilities at Varying Water Levels: This area is generally unaffected by changes in reservoir water levels.

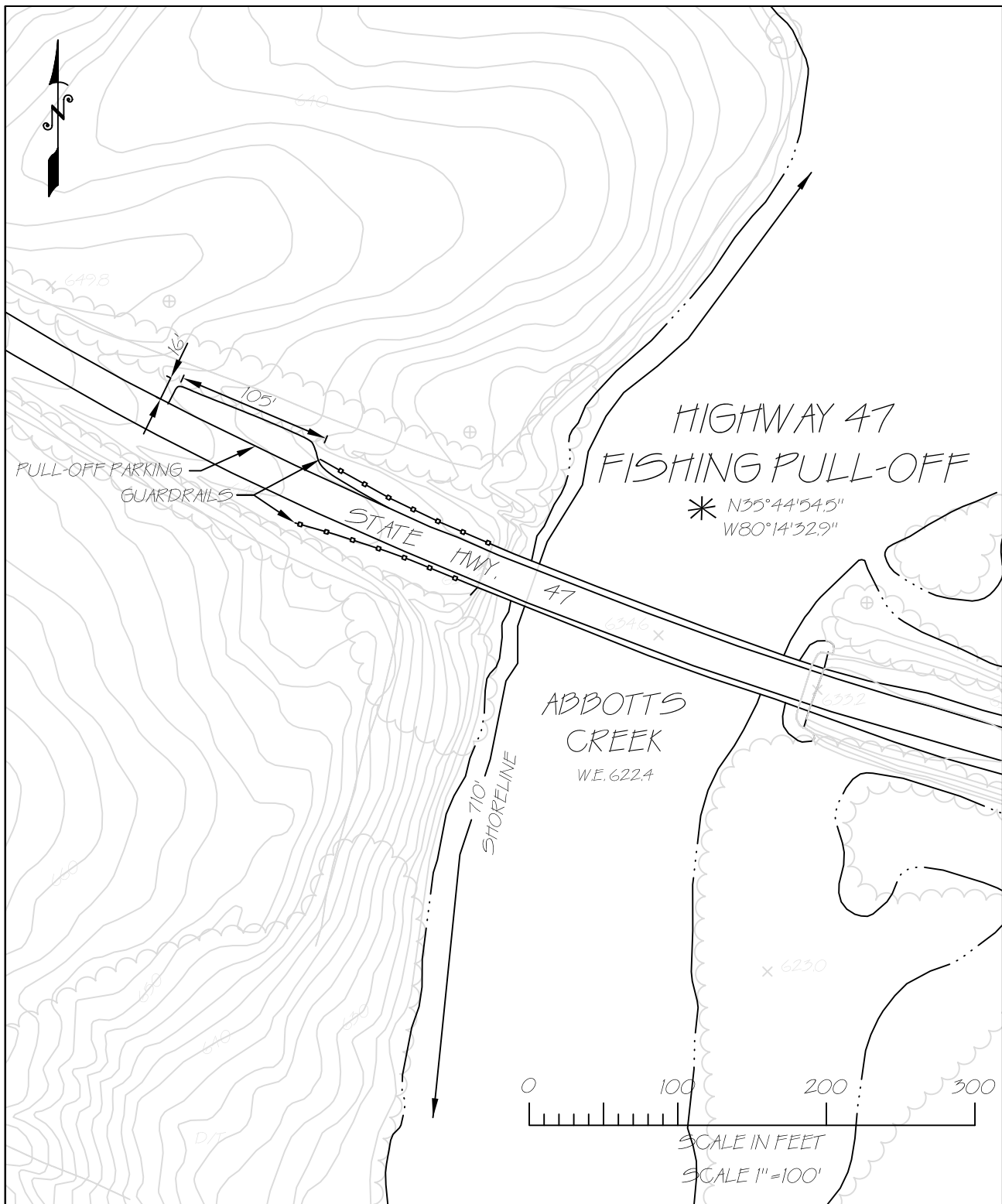
Age of Facilities: No improved facilities.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) No trash cans and evidence of excessive litter. 2) To travel north along shoreline, pedestrians must cross Highway 47.

Photographs: (1) Pull-off Parking Area and (2) Shoreline Access Path at Highway 47 Fishing Pull-off





Alcoa Power Generating Inc.
Yadkin Division

HIGHWAY 47 FISHING PULL-OFF
HIGH ROCK RESERVOIR - YADKIN RIVER

Date: 16 MAY 04

File Name: H-34 Highway 47 Fishing Pull-Off.dwg

Site Inventory:

An inventory of the recreational facilities available at the Highway 47 Fishing Pull-off was conducted on March 15, 2004.

Facility	Description	Dimensions	Condition
Fishing			
Unimproved access to the shoreline	Bank fishing	Approximately 710', although not accessible in all spots	(G)
Pedestrian Access			
Path to Facilities	Unimproved trails spanning the shoreline, north and south of the Highway 47 bridge	Approximately 650' x 1-2'	(M) Trail is highly overgrown and narrow
Vehicular Access			
Parking	Gravel pull-off parking area on Hwy. 47	105' x 16'	(R) Barely graveled, in need of grading

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access Total no. (710') Accessible No. (0')	Shoreline not accessible (no fishing pier or pads). No accessible pathway.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A.
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	

Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	Gravel parking area with no reserved parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.1.8 Buddle Creek Boat Access Area

Reservoir: High Rock

Site Name: Buddle Creek Boat Access Area

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Buddle Creek Boat Access Area is located off of Holloway Church Road in Davidson County.

Description of Facilities and Primary Recreational Activities: The Buddle Creek Boat Access Area consists of a boat ramp, a boat dock, picnic areas, a swim beach, shoreline fishing access and a large parking area. Motorized boat launching, swimming, and fishing are the primary recreational activities at the Buddle Creek Boat Access. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: Yadkin's "public use rules."

Availability of Facilities at Varying Water Levels: Water depth at the end of the boat ramp during full-pool water elevation is 12 feet, generally keeping it usable for motorized boats to a drawdown of 9 feet or less.

Age of Facilities: The Buddle Creek Boat Access Area was constructed in 1980. An anti-sway floating dock was recently installed by Yadkin in 2001.

Plans to Upgrade, Expand, or Construct New Facilities: APCI reports that possible future improvements to the swim beach include resurfacing of the swim beach with pebbles.

Observations of Operations, Maintenance, and Safety Issues: 1) On the date of the inventory, toilets were unsanitary and were in need of maintenance. 2) Evidence of unauthorized fires. 3) Evidence of erosion problems between boat ramp and beach.

Photographs: (1) Launch Ramp and Floating Dock and (2) Swim Area at Buddle Creek Boat Access Area

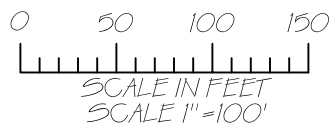


BUDDLE CREEK BOATING & FISHING ACCESS



N 35°40'55.1"
W 80°13'42.8"

HIGH ROCK RESERVOIR
W.E. 662.4



CHURCH ROAD
BRIDGE

CHURCH
ROAD



SHORELINE - 510'

110'
D/T

PORTABLE

PAVED PARKING

280'

300'

DOCK

RAMP

9'

8'

56'

CONCRETE
8' X 7.75'

PHONE

TOILET

32'

160'

25'

220'

SWIMMING
AREA

BEACH AREA

Alcoa Power Generating Inc.
Yadkin Division

BUDDLE CREEK BOATING AND FISHING ACCESS
HIGH ROCK RESERVOIR

Date: 26 MAR 04

File Name: H-39 Buddle Creek Boat Access Area.dwg

Site Inventory:

An inventory of the recreational facilities available at the Buddle Creek Boat Access Area was conducted on February 16, 2004.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	One double lane concrete ramp	32' x 98'	(G)
Boat dock	Anti-sway floating dock; concrete to plastic wood floater with curbs. Seven mooring cleats and 2 mooring posts.	7.75' x 8' (concrete pad) 7.45' x 91' (dock)	(G) Recently installed (2001). One broken curb.
Navigational/info buoy	Two "slow: no wake" buoys	N/A	(G)
Fishing			
Shoreline fishing access	Bank fishing	Approximately 360'	(G)
Day Use/Picnicking			
Picnic Table	Seven concrete picnic tables	6' x 3' (tabletop) 6' x 0.85' (benches) 1' (overhang)	(N) Broken tabletop
Shade trees/grass area	Two picnicking areas	135' x 360' 160' x 220'	(G)
Swimming			
Designated swim area	Buoyed swim area designated by and inner an outer buoy line	N/A	(M) Check buoy lines
Swimming beach	Gravel beach	25' x 200'	(M) Significant erosion
Safety equipment	One set of rescue equipment (life rings); Lifejacket station	N/A N/A	(G) (G) Recently installed (2004)
Vehicular Access			
Main paved access road	Paved access road off of Holloway Church Road	N/A	(G)
Parking	One large paved parking area	280' x 300'	(G)
Utility/Sanitary			
Toilet	Two portable toilets in wooden screen	N/A	(N) (M) Portable toilets are broken and unsanitary.
Trash receptacles	Twelve plastic receptacles mounted on two 4x4s	N/A	(G)
Telephone	One pay telephone	N/A	(G)
Lighting	Two lights mounted on poles	N/A	(R) One globe is missing; needs replacement.
Signs			
Signs	<ul style="list-style-type: none"> Yadkin welcome sign (4) Yadkin Public Use 	8' x 4' 3' x 3'	(G)

	<ul style="list-style-type: none"> Rules (4: 2 English, 2 Spanish) No Swimming In This Area: Swim Only In Buoyed Areas (12: 6 English, 6 Spanish) Do Not Block Gate Posted: No Vehicle Traffic Beyond This Point (2) Yadkin Pee Dee River Canoe Trail Access Caution: No Swimming, Boat Launch Area (2: 1 English, 1 Spanish) Swimming Area Closed/ Rules (12: 6 English, 6 Spanish) Buddle Creek Public Swim Area Map (2) Fishing In Swim Area Prohibited (4: 2 English, 2 Spanish) Rescue Equipment For Emergency Use Only (4: 2 English, 2 Spanish) Dial 911 In The Event Of Emergency (2: 1 English, 1 Spanish) 	2' x 2' 18" x 12" 3' x 3'; 2' x 2' 18" x 24" 2' x 2'	
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Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	Ramp and courtesy dock are designed to be barrier-free, however there are no accessible pathways to these facilities.
Boat dock Total No. (1) Accessible No. (0)	Built to be barrier free; needs accessible pathway and transition plates onto concrete pad.
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (360') Accessible No. (0')	Shoreline generally not accessible (No accessible pathway). No pier or fishing pads available.
Camping	

Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. (1) Accessible No. (0)	Not accessible.
Sand Beach Total No. (1) Accessible No. (0)	Gravel beach, no accessible pathway.
Picnicking	
Picnic tables Total No. (7) Accessible No. (0)	Not along accessible pathway. Table overhang does not meet 19" requirement.
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Paved parking area. No marked spaces
Sanitary Facilities	
Toilet and shower facilities Total No. (2) Accessible No. (0)	Not accessible.
Other Features	
Drinking Water	N/A
Trash receptacles (12)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.1.9 Abbotts Creek/NC Highway 8 Bridge Pull-off

The Abbotts Creek Pull-off is located at the intersection of the Highway 8 Bridge and the Abbotts Creek arm of High Rock Reservoir in Davidson County. This site was inventoried on February 16, 2004. The Abbotts Creek Pull-off is simply an informal bank fishing area along the shoreline paralleling the Highway and the railroad tracks. The underbrush is overgrown along the shoreline with numerous spots cleared out for bank fishing. There are nearly twenty “No Parking” signs along the Highway Bridge and APCI has begun discouraging use at this area due to potentially unsafe vehicle/pedestrian interactions. There are no facilities such as toilets, trash receptacles, or picnic tables.

Photographs: (1) Overview Along NC-8 Bridge and (2) Access Point Along Shoreline at Abbotts Creek/NC 8 Bridge Pull-off



5.1.1.10 Dutch Second Creek Boat Access

Reservoir: High Rock

Site Name: Dutch Second Creek Public Access

Property Owner: APGI, Yadkin Division

Site Manager: North Carolina Wildlife Resources Commission (under agreement with APGI, Yadkin Division)

Location: The Dutch Second Creek Public Access Area is located on Bringle Ferry Road, State Route 1002, in Rowan County, North Carolina.

Description of Facilities and Primary Recreational Activities: The Dutch Second Creek Boat Access Area consists of a double lane boat ramp, a boat dock, shoreline fishing access, and a parking lot. Motorized boat launching and bank fishing are the primary recreational activities at the access area. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: The NCWRC prohibits fishing from the boat dock. Picnicking and camping are also prohibited at the access area.

Availability of Facilities at Varying Water Levels: Water depth at the end of the boat launch ramp during normal full-pool is 13.9 feet, generally keeping it usable for motorized boats to a drawdown of 10.9 feet or less.

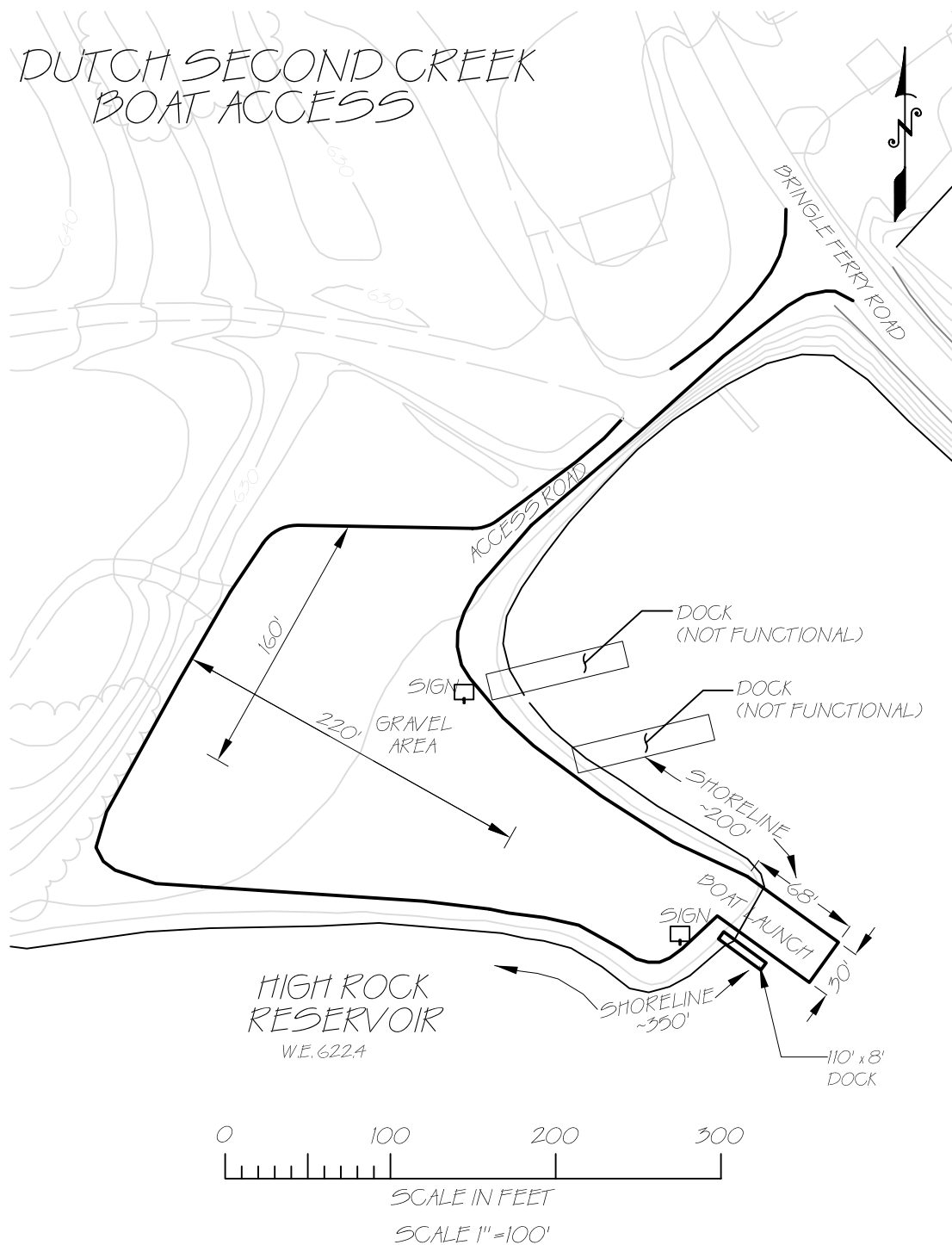
Age of Facilities: This area was constructed in 1955 by the NCWRC. The NCWRC recently (2003) installed a new double boat ramp and barrier-free 100-ft floating dock at the Dutch Second Creek Public Access Area.

Plans to Upgrade, Expand, or Construct New Facilities: A second 100-ft floating pier has been added to the access area (p. communication with Dean Barbee, October 11, 2004).

Observations of Operations, Maintenance, and Safety Issues: There are no trash receptacles available at the access area and evidence of litter.

Photographs:





Alcoa Power Generating Inc.
Yadkin Division

DUTCH SECOND CREEK BOAT ACCESS
HIGH ROCK RESERVOIR - YADKIN RIVER

Date: 10 MAR 04

File Name: H-48 Dutch Second Creek Boat Access (rev2).dwg

Site Inventory:

An inventory of the recreational facilities available at the Dutch Second Creek Boat Access Area was conducted on October 29, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	Double lane, concrete boat ramp	30' x 90'	(G) Recently installed (2003)
Boat dock	Stationary, concrete section to wooden ramp to floater; six mooring cleats (2)	8' x 100'	(G) Docks recently installed (2003 and 2004)
Navigational aids	"Slow: No Wake" buoys	N/A	(G)
Fishing			
Unimproved access to shoreline	Bank fishing	Approximately 600'	(G)
Vehicular Access			
Parking lots	Two gravel parking areas	Approximately 160' x 220' and 225' x 250	(G)
Utility/Sanitary			
Lights	Lights on utility poles	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> • NCWRC/Yadkin sign at entrance • Welcome sign (2) • Boating Access Area Regulations (3) • Swimming, Sunbathing, And Fishing From Docks Prohibited • Keep Ramp Clear • Black Bass and Crappie Regulations (2) • No Camping, No Picnicking, No Swimming (2) • No Parking Between Signs (4) • No Vehicle Traffic Beyond This Point (3) • Littering is Illegal (3) • Adopt an Access Area • Sport Fish Restoration (2) • No Parking In Center (1) 	8' x 4' 18" x 24" 12" x 18" 12" x 18" 18" x 12"; 12" x 12" 18" x 24" 12" x 18" 24" x 24" 12" x 18" 18" x 24" 12" x 18" 12" x 18"	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	No accessible pathway to boat ramp.
Boat dock Total No. (1) Accessible No. (0)	Courtesy dock built to be accessible (although no curb or transition plates); however, there is no accessible pathway to the boat dock. Accessible boarding bars added in 2004.
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (750') Accessible No. (0')	Shoreline generally not accessible (no accessible pathway, fishing pier or pads).
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	Gravel parking area with no reserved parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.1.11 Flat Swamp Boat and Swim Access Area

Reservoir: High Rock

Site Name: Flat Swamp Boat and Swim Access Area

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Flat Swamp Access Area is located off Highway 8, near the Brown Loflin Bridge in Davidson County, North Carolina.

Description of Facilities and Primary Recreational Activities: The Flat Swamp Access Area consists of a boat ramp, a boat dock, a swim area and beach, a picnic area, shoreline fishing access, and a large parking lot. Motorized boat launching, bank fishing, swimming, and picnicking are the primary recreational activities. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: Swimming is allowed from sunrise to sunset from May 15 through September 15. An adult must accompany children under the age of 16 years. Watercraft and fishing in the swim area are prohibited. The rescue equipment is for emergency use only. Swimming near the boat launch area is prohibited. Camping is prohibited.

Availability of Facilities at Varying Water Levels: Water depth at the end of the boat launching ramp during normal full-pool elevation is 15.6 feet, generally keeping the ramp usable for motorized boats during draw downs of 12.6 feet or less.

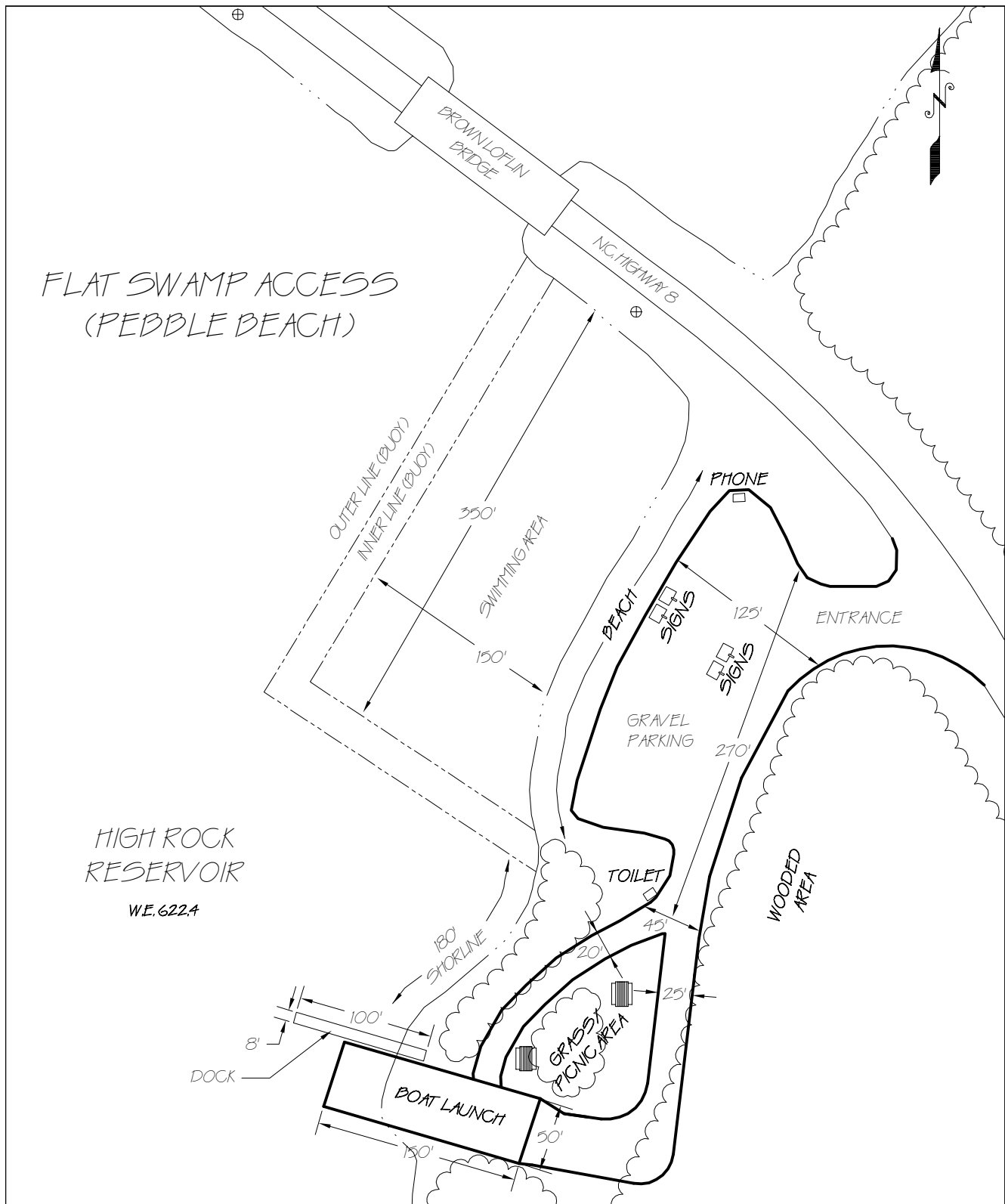
Age of Facilities: This area was constructed by Yadkin in 1976. Yadkin installed a new anti-sway floating dock at the Flat Swamp Access Area in 2001.

Plans to Upgrade, Expand, or Construct New Facilities: Yadkin's goal is that the newly installed dock will be barrier-free (plans include an accessible pathway and reserved parking spaces). (Pat Shaver, APCI Yadkin; email dated January 2, 2002)

Observations of Operations, Maintenance, and Safety Issues: 1) Flow of vehicular traffic is difficult on peak use days.

Photographs: (1) Floating Boat Dock and (2) Swim Area and Sign





Alcoa Power Generating Inc.
Yadkin Division

FLAT SWAMP ACCESS (PEBBLE BEACH)
HIGH ROCK RESERVOIR - YADKIN RIVER

Date: 16 DEC 03

File Name: H_64(rev1).dwg

Site Inventory:

An inventory of the recreational facilities available at the Flat Swamp Access Area was conducted on October 28-29, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	Concrete boat ramp	50' x 150'	(G)
Boat dock	Aluminum ramp to floater; 7 mooring cleats and 2 mooring posts	8' x 100' with 2" curb	(G) Recently installed (2001)
Navigational aids	"Slow – No Wake" buoys	N/A	
Swimming			
Swim area	Buoyed swim area; inner and outer buoy lines	150' x 300'	(G)
Beach area	Sand beach area	15' x 75'	(G)
Safety equipment/signs	PFDs (life jacket station) and rescue equipment available	N/A	(G)
Fishing			
Unimproved access to the shoreline	Bank fishing	Approximately 200'	(G)
Picnicking			
Picnic tables	Two picnic tables; concrete top and base, wood benches	3' x 6' (table top) 9'-1' (overhang)	(R) Two of the benches are loose
Utility/Sanitary			
Trash receptacles	12 blue, plastic and 1 black metal trash receptacles mounted on 2 4x4s	N/A	(G) One receptacle vandalized
Portable toilets	One portable toilets behind a wood screen	N/A	(G)
Pay telephone	One pay telephone	N/A	(G)
Lighting	One light on a utility pole near the pay telephone	N/A	(G)
Vehicular Access			
Parking	Large gravel parking area	125' x 270'	(G)
Signs			
Signs (many posted in English and Spanish)	<ul style="list-style-type: none"> Welcome sign (4) Yadkin's Public Use Rules (4) Warning No Lifeguard on Duty – Swim at Your Own Risk; in English and Spanish (6) 	8' x 4' 3' x 3'; 2' x 2' 2' x 3'	(G)

	<ul style="list-style-type: none"> • Maximum Water Depth is 12 Feet (6) • No Parking signs (10) • No Swimming Boat Access Area • No Swimming Boat Launch Area (6) • Dial 911 In Case Of Emergency • Fishing In Swim Area Prohibited (3) • Swimming Area Open Sept 15 – May 15 (6) • Rescue Equipment for Emergency Use Only (8) • Flat Swamp Pebble Beach Map (1) • Safe Kids in Davidson County (1) 	24" x 16" 12" x 18" 2' x 2' 2' x 2'	
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Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	No accessible pathway to boat ramp.
Boat dock Total No. (1) Accessible No. (0)	Courtesy dock built to be accessible; however, there is no accessible pathway to the boat dock.
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (200') Accessible No. (0')	Shoreline generally not accessible (no accessible pathway, fishing pier or pads).
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. (1) Accessible No. (0)	Not along accessible pathway. No accessible entry into swimming area.
Sand Beach Total No. (1) Accessible No. (0)	Not along accessible pathway.
Picnicking	

Picnic tables (2) Total No. Accessible No.	Not along accessible pathway. Table overhang is less than 19 inches. Table is not on a stable surface.
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	Gravel parking area with no reserved parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. (1) Accessible No. (0)	Portable toilet is not accessible.
Other Features	
Drinking Water	N/A
Trash receptacles (13)	Not along accessible pathways.
Information/interpretive displays	N/A

5.1.1.12 High Rock Dam Canoe Portage

The High Rock Dam Canoe Portage Trail is located on the west side (Rowan County) of the dam. From the takeout, the trail ascends a path that is steep, wide, slightly rocky, and covered with leaf litter. Approaching the dam, the trail levels off (nice, wide, even terrain). The trail then follows gravel dam access road for about 100 feet. At the dam, the trail descends a rocky path and then ascends a stone set of stairs. At the top of the stairs, the trail continues on a moderate descent on slightly rocky path with many exposed roots, but the trail is wide and well-worn. The trail continues a moderate descent down to fishing tailrace fishing access. The put-in is a nice beach. The trail is clearly marked throughout by orange blazes. At the time of the visit, there were no noticeable maintenance issues; the trail was generally in good condition with the exception of some uneven footing. It should be noted that conditions may change during the growing season.. Total trail distance is about one-third to half of a mile.

Signs at takeout: large, brown “Yadkin River Canoe Portage” and “Yadkin-Pee Dee River Canoe Portage” (Yadkin-Pee Dee Lakes Project sign)

Photographs: High Rock Dam Canoe Portage Trail



5.1.1.13 Yadkin-Pee Dee River Canoe Trail

The Yadkin-Pee Dee River Canoe Trail is a 230-mile river trail on the Yadkin and Pee-Dee Rivers from Wilkesboro, North Carolina to the South Carolina border. Currently, there are plans to improve the trail so that it can become an officially designated state canoe trail through the North Carolina Division of Parks and Recreation State Trails Program. The 230-mile trail has numerous access points at public recreation areas on the Project reservoirs and includes the entire 38-mile stretch within the Project. Specifically, the Yadkin-Pee Dee River Trail map lists 31 of the inventoried public recreation areas on the Project reservoir's as either providing boat access or providing some other facilities (bathroom, picnic tables, camping). At each public recreation area, a Yadkin-Pee Dee Lake Project River Canoe Trail sign is provided to show that the area is included as part of the trail.

A summary table of public recreation areas included in the trail is included below (Table 3). The table lists the inventoried public recreation areas included in the trail and the facilities it provides according to the Yadkin-Pee Dee River Trail Map. In addition to the public areas, the trail map also lists High Rock Campground and Marina as providing boating access, camping, bathrooms, and picnic tables. Additionally, the trail map lists three sites that are not discussed in the this inventory: the Whip-O-Will Campground, and boating access sites at Cabin Creek (Tuckertown) and off of Beach Road (High Rock).

Table 3: Summary of Public Recreation Areas Included in the Yadkin-Pee Dee River Trail.

<i>Recreation Area Name</i>	Public Facilities Listed in Yadkin-Pee Dee River Trail Map					
	<i>Boating Access</i>	<i>Portage</i>	<i>Dam</i>	<i>Camping</i>	<i>Picnic Tables</i>	<i>Bathroom</i>
Highway 601 Access Area	yes	no	no	no	no	no
Rowan County Pump Station	yes	no	no	no	no	no
York Hill Boat Access	yes	no	no	no	no	no
Little Crane Creek Fishing Access	no	no	no	no	yes	no
Southmont Boat Access	yes	no	no	no	no	yes
Buddle Creek Boat Access Area	yes	no	no	no	no	yes
Dutch Second Creek Boat Access	yes	no	no	no	no	no
Flat Swamp Boat Access	yes	no	no	no	no	yes
High Rock Dam Canoe Portage	no	yes	yes	no	no	no
High Rock Dam Tailrace Access (Rowan)	yes	no	no	no	no	no
Bringle Ferry Boat Access	yes	no	no	no	no	no
Flat Creek Boat Access Area	yes	no	no	no	yes	no
Newsome Road Access	yes	no	no	no	no	no
Riles Creek Recreation Area	no	no	no	no	yes	no
Highway 49 Boat Access Area	yes	no	no	no	no	yes
Tuckertown Dam Canoe Portage	no	yes	yes	no	no	no
Tuckertown Dam Tailrace Access	no	no	no	no	yes	no
Garr Creek Access Area	yes	no	no	no	no	no
Old Whitney Boat Access Area	yes	no	no	no	yes	yes
Circle Drive Boat Access Area	yes	no	no	no	no	no
Lakemont Access Area	yes	no	no	no	no	no
UNF Holt's Cabin Picnic Area	no	no	no	no	yes	no
UNF Badin Lake Campground	no	no	no	yes	no	no

Recreation Facilities Inventory and Condition Assessment

UNF Cove Boat Landing	yes	no	no	no	no	yes
Palmerville Access Area	yes	no	no	no	no	no
Badin Lake Swim/Picnic Area	no	no	no	no	yes	no
Badin Boat Access	yes	no	no	no	no	yes
Narrows Dam Canoe Portage	no	yes	yes	no	no	no
UNF Deep Water Trail Access	yes	no	no	no	no	no
Falls Boat Access	yes	no	no	no	no	no
Falls Dam Canoe Portage	no	yes	yes	no	no	no

5.1.2 Tuckertown Reservoir

Located in Rowan, Davidson, Stanly, and Montgomery Counties, Tuckertown Reservoir has 11 major public recreation areas and no commercial recreation areas that provide direct access to the reservoir. Table 4 below is a summary of the major facilities on Tuckertown Reservoir.

Of the 11 recreation areas, six have major facilities and five do not. The six sites with major facilities include High Rock Dam Tailrace Access (Rowan), Bringle Ferry Boat Access, Flat Creek Boat Access Area, Newsome Road Access, Riles Creek Recreation Area, and Highway 49 Boat Access Area. Lick Creek Fishing Pull-off has historically been represented in FERC Form 80 Reports, but is currently considered “closed” and is not listed as a “major facility.” On Tuckertown Reservoir, there are a total of 7 boat ramps, 4 boat docks, and 3 picnic areas. Of the major recreation facilities on Tuckertown; 3 boat ramps, 2 boat docks, and 2 picnic areas are located in Rowan County, 2 boat ramps and 1 picnic area are located in Davidson County, and 2 boat ramps and 2 boat docks are located in Stanly County. There are no major recreation facilities on Tuckertown Reservoir in Montgomery County.

Table 4: Major Public Facilities on Tuckertown Reservoir by County and Access Area.

<i>Tuckertown Reservoir</i>		<i>Major Facilities</i>					
<i>Site Name</i>	<i>County</i>	<i>Boat Ramp</i>	<i>Boat Dock</i>	<i>Fishing Pier</i>	<i>Swim Area</i>	<i>Camp-ground</i>	<i>Picnic Area</i>
High Rock Dam Tailrace Access (Davidson)	Davidson	0	0	0	0	0	0
Newsome Road Access	Davidson	2	0	0	0	0	1
Tuckertown Road Pull-off Fishing Access	Davidson, Montgomery	0	0	0	0	0	0
Tuckertown Dam Canoe Portage	Montgomery	0	0	0	0	0	0
High Rock Dam Tailrace Access (Rowan)	Rowan	0	0	0	0	0	1
Bringle Ferry Boat Access Area	Rowan	1	1	0	0	0	0
Cedar Creek Fishing Pull-off	Rowan	0	0	0	0	0	0
Flat Creek Boat Access Area	Rowan	2	1	0	0	0	0
Flat Creek Fishing Access	Rowan	0	0	0	0	0	0
Riles Creek Recreation Area	Rowan	0	0	0	0	0	1
Highway 49 Boat Access Area	Stanly	2	2	0	0	0	0
Davidson Co. Totals	3 areas	2	0	0	0	0	1
Rowan Co. Totals	6 areas	3	2	0	0	0	2
Montgomery Co. Totals	2 areas	0	0	0	0	0	0
Stanly Co. Totals	1 area	2	2	0	0	0	0
Tuckertown Reservoir Totals	11 areas	7	4	0	0	0	3

5.1.2.1 High Rock Dam Tailrace Access (Rowan County)

Reservoir: Tuckertown

Site Name: High Rock Dam Picnic and Fishing Access Area

Property Owner: APGI, Yadkin Division

Site Manager: APGI, Yadkin Division

Location: The High Rock Dam Picnic and Fishing Access Area is located off Bringle Ferry Road, State Route 1002, in Rowan County, North Carolina.

Description of Facilities and Primary Recreational Activities: The High Rock Dam Picnic and Fishing Access Area Bank consists of a picnic area, shoreline fishing access, and large parking area. Bank fishing and picnicking are the primary recreational activities. The canoe portage trail around High Rock Dam, adjacent to the tailrace access area, is also used for bank fishing. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: Yadkin's "public use rules."

Availability of Facilities at Varying Water Levels: As there are no shoreline facilities, this site is generally unaffected by changes in reservoir water levels.¹

Age of Facilities: This area was constructed by Yadkin in 1980.

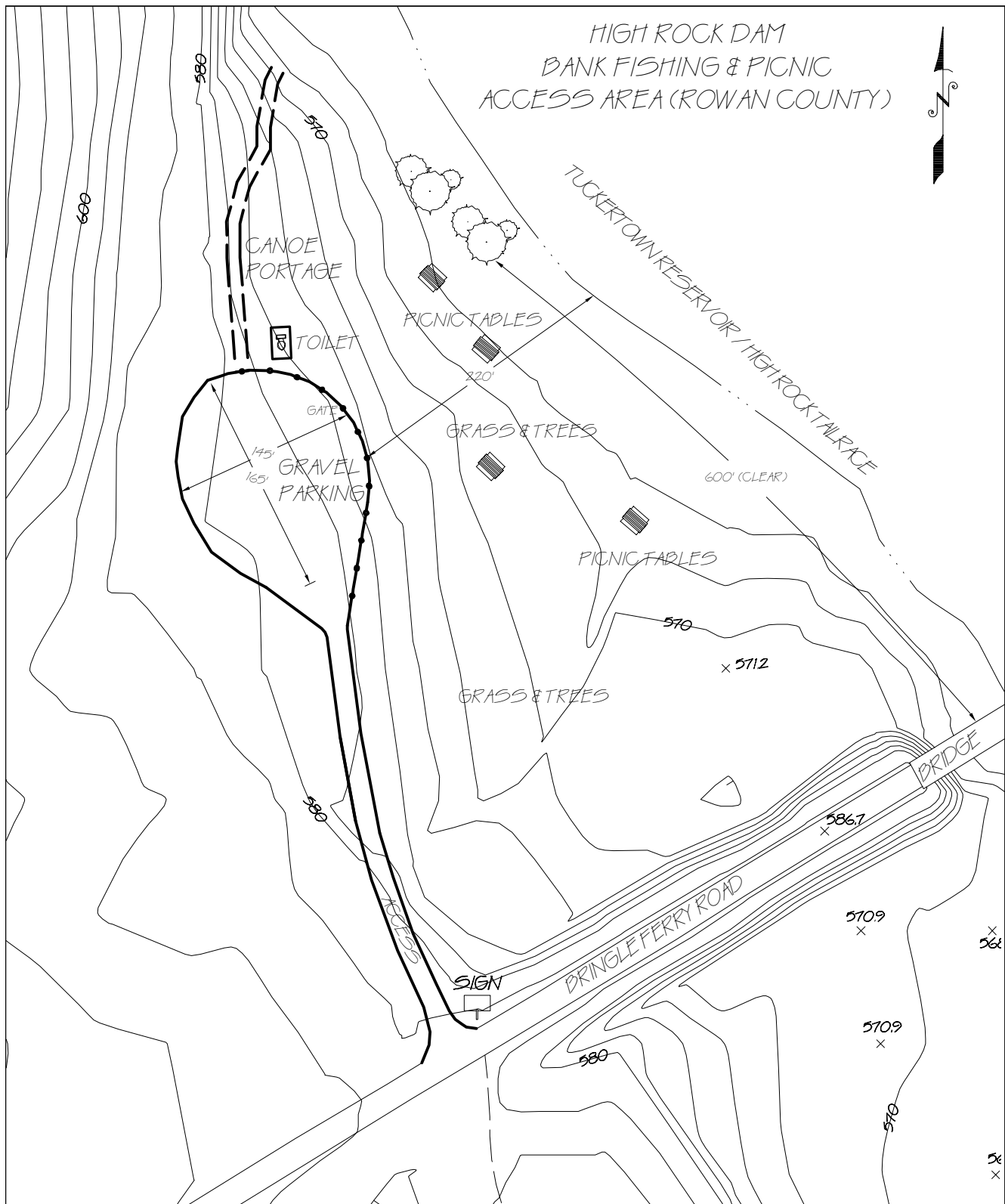
Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operation, Maintenance, and Safety Issues: 1) No lighting. 2) Tailwater access is potentially dangerous and there are no signs about a sudden rise in water.

¹ Tuckertown Reservoir is operated as a run-of-river facility with a maximum daily fluctuation of 1 to 3 feet.

Photographs: (1) Shoreline Access and (2) Picnic Area





Alcoa Power Generating Inc.
Yadkin Division

**HIGH ROCK DAM BANK FISHING AND PICNIC ACCESS AREA
TUCKERTOWN RESERVOIR - YADKIN RIVER**

Date: 15 DEC 03

File Name: T-1(rev1).dwg

Site Inventory:

An inventory of the recreational facilities available at the High Rock Dam Picnic and Fishing Access Area was conducted on October 28, 2003.

Facility	Description	Dimensions	Condition
Fishing			
Bank fishing	Shoreline access	Approximately 550'	(G)
Picnicking			
Picnic tables	Four concrete picnic tables	Table top 3' x 6', overhang of 8''	(G)
Shade trees/ grass area	Large shaded, grassy area for day use	550' x 220'	(G)
Pedestrian Access			
High Rock Dam canoe portage trail	See Section 5.1.1.12 for details		
Vehicular Access			
Secondary gravel or dirt road	Gravel access road from Bringle Ferry Rd.	N/A	(G)
Parking	Large gravel parking area	Approximately 165' x 145'	(G)
Utility/Sanitary			
Toilet	One portable toilet behind a wood screen	N/A	(M) Some graffiti
Trash receptacles	14 blue plastic trash receptacles mounted to two 4' x 4's	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Yadkin welcome sign Do Not Block Gate Public Use Rules 	8' x 4' 18" x 12" 3' x 3'	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (550') Accessible No. (0')	No accessible pathways; must cross grassy area. No fishing piers or pads available.

Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (4) Accessible No. (0)	Picnic tables are neither along an accessible pathway nor on a flat, firm surface. Picnic tables are not accessible (overhang is less than 18").
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	No designated handicapped spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. (1) Accessible No. (0)	No access path. Toilet is not accessible.
Other Features	
Drinking Water	N/A
Trash receptacles (14)	Receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.2.2 High Rock Dam Tailrace Access (Davidson County)

Reservoir: Tuckertown

Site Name: High Rock Dam Tailrace Access Area (Davidson County)

Property Owner: APGI, Yadkin Division

Site Manager: APGI, Yadkin Division

Location: The High Rock Dam Tailrace Access Area is located off Bringle Ferry Road, State Route 1002, in Davidson, North Carolina.

Description of Facilities and Primary Recreational Activities: The High Rock Dam Tailrace Access in Davidson County has a pull-off parking area and more than 1,000 feet of shoreline tailrace fishing access. Bank fishing is the primary recreational activity at the High Rock Dam Tailrace Access Area.

Site Regulations: 1) Fishermen must park out along Bringle Ferry Road and walk-into the tailrace – no vehicular access. 2) No trespassing in restricted areas.

Availability of Facilities at Varying Water Levels: As there are no facilities at this access area, it is generally unaffected by reservoir operations. Tailwater fishing may be affected by Project operations.

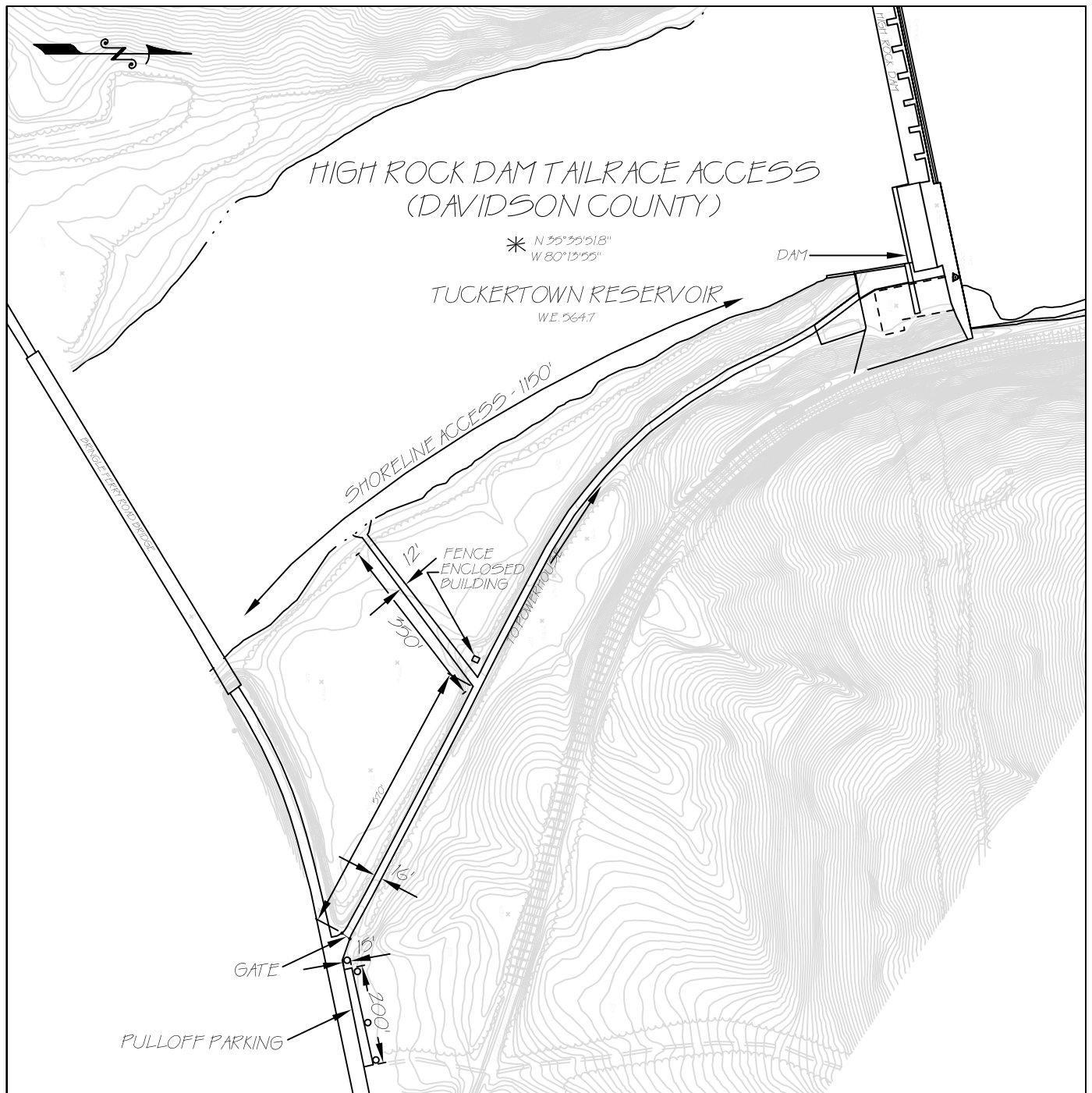
Age of Facilities: Not applicable.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) Evidence of extensive erosion along shoreline and shoreline trails. 2) Evidence of excessive litter along shoreline—no receptacles at shoreline (at parking area only).

Photographs: (1) Shoreline Fishing Access and (2) Pull-off Parking Area at High Rock Dam Tailrace Access Area (Davidson County)





Alcoa Power Generating Inc.
Yadkin Division

HIGH ROCK DAM TAILRACE (DAVIDSON COUNTY) **TUCKERTOWN RESERVOIR**

Date: 26 March 04

File Name: T-2 High Rock Dam Tailrace Access.dwg

LEGEND	
	PICNIC TABLE
	TRASH CAN

Site Inventory:

An inventory of the recreational facilities available at the High Rock Dam Tailrace Access Area was conducted on February 18, 2004.

Facility	Description	Dimensions	Condition
Fishing			
Unimproved access to the shoreline	Bank fishing	Approximately 1150', although not accessible in all spots	(G)
Pedestrian Access			
Path to Facilities	Network of dirt footpaths spanning the shoreline, from dam to bridge	Variable	(M) Significant erosion channels within trails
Vehicular Access			
Secondary gravel road	Private gravel road leading to Alcoa facilities (foot access for bank fisherman)	Approximately 510' until turn-off for shoreline access x 16' wide	(G)
Path to facilities	Wide, unimproved gravel/dirt pathway from secondary road to shoreline	350' x 12'	(G) Good, assuming it is used as a footpath
Parking	Gravel pull-off parking area on Bringle Ferry Rd.	200' x 15'	(R) In need of gravel and grading
Sanitary/Utilities			
Trash receptacles	Four trash receptacles (3 plastic, 1 metal) mounted on two 4 x 4s	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> • Do Not Block Entrance • Private Road: Authorized Vehicles Only (2) • Caution: Slow Down, Pedestrian Traffic • Speed Limit 15 • No Trespassing Within 50 Feet • Danger: High Voltage • No Trespassing • No Trespassing, Town of Denton • Notice: Restricted Area 		(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access Total no. (1150') Accessible No. (0')	Shoreline not accessible; no accessible pathways. Tailwater fishing access is a considerable distance from parking area.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area with no designated parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (4)	Not along accessible pathway.
Information/interpretive displays	N/A

5.1.2.3 Bringle Ferry Boat Access

Reservoir: Tuckertown

Site Name: Bringle Ferry Boat Access Area

Property Owner: APGI, Yadkin Division

Site Manager: North Carolina Wildlife Resources Commission

Location: The Bringle Ferry Boat Access Area is located on Bringle Ferry Road in Davidson County

Description of Facilities and Primary Recreational Activities: The Bringle Ferry Boat Access Area consists of a boat ramp, a boat dock, shoreline fishing access, and a parking lot. Motorized boat launching and bank fishing are the primary recreational activities. This site is included as part of the Yadkin-Pee Dee River Trail

Site Regulations: 1) NCWRC's boating access area regulations apply¹.

Availability of Facilities at Varying Water Levels: The water depth at the end of the launch ramp during normal full-pool elevation is 4 feet, generally keeping the ramp usable during normal Project operations.

Age of Facilities: This area was constructed in 1963 by the NCWRC.

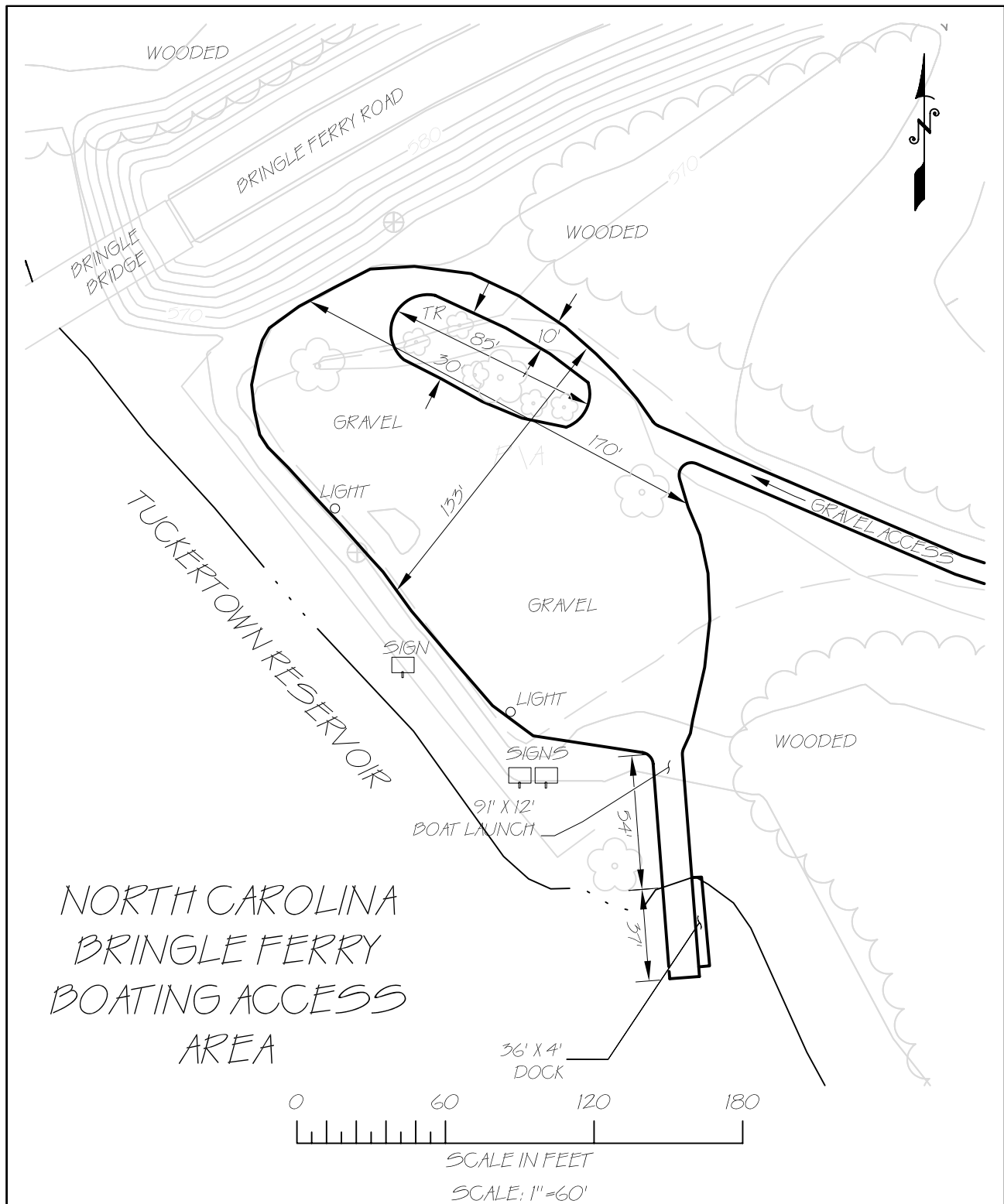
Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations on Operations, Maintenance, and Safety Issues: 1) No trash receptacles, evidence of litter. 2) Low water depth at boat launch

¹ The NCWRC boating access area regulations are as follows: "This boating access area can be used for the launching and recovery of boats and for parking vehicles and boat trailers only while involved in boating activities at this site. All other uses of this area are prohibited unless otherwise specified by the NCWRC."

Photographs: (1) Boat Dock and Boat Ramp





Alcoa Power Generating Inc.
Tapoco Division

**NORTH CAROLINA BRINGLE FERRY BOATING ACCESS AREA
TUCKERTOWN RESERVOIR - YADKIN RIVER**

Date: 10 MAR 04

File Name: T-3 Bringle Ferry Boat Access (rev2).dwg

Site Inventory:

An inventory of the recreational facilities available at the Bringle Ferry Boat Access Area was conducted on October 28, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	One single gravel-concrete ramp	61' long x 12' wide	(G)
Boat dock	Stationary wooden dock	36' long x 4' wide 4'' curb at the end of dock on non-loading side	(G)
Navigational/info buoy	"Slow, No Wake" buoy		(G)
Fishing			
Shoreline access	Grassy area near shoreline for bank fishing	Approximately 245' of riprapped shoreline	(G)
Vehicular Access			
Secondary gravel road	Access road from Bringle Ferry	N/A	(G)
Parking Area	Gravel parking area	170' x 133'	(G)
Utility/Sanitary			
Lighting	Two lamps on poles	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Yadkin/ NCWRC welcome signs (2) Boating Access Area Regulations Littering is Illegal Keep Ramp Clear Yadkin Pee Dee River Canoe Trail Access 	8' x 4' 18'' x 24'' 12'' x 18'' 12'' x 18'' 18'' x 24''	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	No accessible pathway to boat ramp.
Boat dock Total No. (1) Accessible No.	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (245') Accessible No. (0')	Shoreline generally not accessible (no accessible pathways).

Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area. No designated spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.2.4 Cedar Creek Fishing Pull-off

Reservoir: Tuckertown

Site Name: Cedar Creek Fishing Pull-off

Property Owner: APGI, Yadkin Division

Site Manager: APGI, Yadkin Division

Location: Located off River Road (State Route 2152) at Cedar Creek in Rowan County, North Carolina.

Description of Facilities and Primary Recreational Activities: The Cedar Creek Fishing Pull-off consists of a pull-off parking area and shoreline fishing access. Bank fishing is the primary recreational activity.

Site Regulations: None posted.

Availability of Facilities at Varying Water Levels: This area is generally unaffected by changes in reservoir water levels.

Age of Facilities: No improved facilities.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) Evidence of litter and unauthorized fires. 2) No lighting.

Photographs: (1) Shoreline Access Path and (2) Pull-off Parking Area at Cedar Creek Fishing Pull-off





Alcoa Power Generating Inc.
Yadkin Division

CEDAR CREEK FISHING PULL-OFF
TUCKERTOWN RESERVOIR

Date: 10 MAY 04

File Name: T-4 Cedar Creek Fishing Pulloff.dwg

Site Inventory:

An inventory of the recreational facilities available at the Cedar Creek Fishing Pull-off was conducted on March 15, 2004.

Facility	Description	Dimensions	Condition
Fishing			
Unimproved access to the shoreline	Bank fishing	Approximately 850', although not accessible in all spots	(G)
Pedestrian Access			
Path to Facilities	Unimproved trail spanning the shoreline, with a smaller network of unimproved trails	770' x 2-3'	(G)
Parking	Gravel pull-off parking area on River Rd.	Approximately 270' x 12'	(G), Generally Good, but could use some gravel (M)
Utility/Sanitary			
Trash Receptacles	Three plastic receptacles mounted on two 4x4s	N/A	(G) Generally good; one receptacle vandalized

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access Total no. (850') Accessible No. (0')	Shoreline not accessible (no accessible pathway and no fishing pier or pads).
Camping	
Campground (group, developed, primitive) Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables	N/A

Total No. Accessible No.	
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	Gravel parking area with no reserved parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.2.5 Lick Creek Fishing Pull-off

The Lick Creek Fishing Pull-off is located at the intersection of Lick Creek Church Road and the Lick Creek arm of Tuckertown Reservoir in Davidson County. There is a small pull-off parking area located beside the bridge for bank fisherman to leave their cars. Bank fishing is active on both banks of the inlet. There are several “No Parking” signs located at the pull-of area to discourage use of this area. There is one trash receptacle present, but no other facilities such as toilets or picnic tables.

5.1.2.6 Flat Creek Boat Access

Reservoir: Tuckertown Reservoir

Site Name: Flat Creek Boating Access Area

Property Owner: APGI, Yadkin Division

Site Manager: North Carolina Wildlife Resources Commission and APGI, Yadkin Division

Location: The Flat Creek Boating Access Area is located in Morgan Township, Rowan County on Flat Creek, off Wildlife Access Road, State Route 2191.

Description of Facilities and Primary Recreational Activities: The Flat Creek Boating Access Area Boat consists of a two boat ramps, a boat dock, shoreline fishing access and a parking lot. Motorized boat launching and bank fishing are the primary recreational activities. Historically, picnicking has also been an activity, but currently there are no picnic tables available to users (tables were removed because of continued vandalism). This area is also included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: NCWRC boating access regulations apply.

Availability of Facilities at Varying Water Levels: The boat ramps have water depths of 5.7 feet during normal full-pool elevation, generally keeping them usable during normal Project operations (typically 1 to 3 feet fluctuations).

Age of Facilities: This area was constructed in 1963 by the NCWRC.

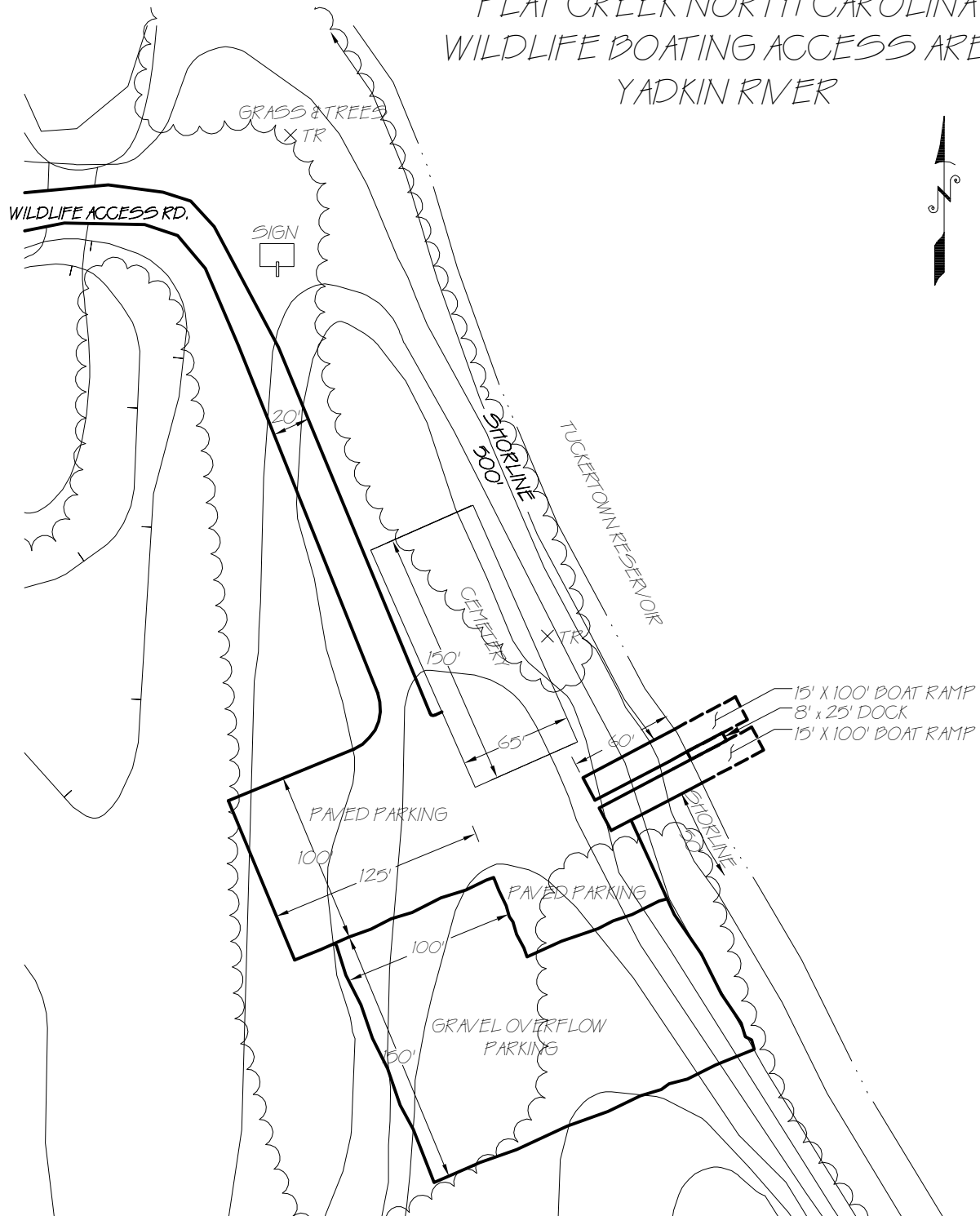
Plans to Upgrade, Expand, or Construct New Facilities: NCWRC has recently paved and striped additional sections of the parking lot (2004).

Observations of Operations, Maintenance, and Safety Issues: 1) Evidence of vandalism.

Photographs: 1) Recently Paved Parking Lot and 2) Boat Ramps and Dock



FLAT CREEK NORTH CAROLINA
WILDLIFE BOATING ACCESS AREA
YADKIN RIVER



Alcoa Power Generating Inc.
Yadkin Division

**FLAT CREEK NORTH CAROLINA WILDLIFE BOATING ACCESS AREA
TUCKERTOWN RESERVOIR - YADKIN RIVER**

Date: 11 DEC 03

File Name: T-8(rev1).dwg

Site Inventory:

An inventory of the recreational facilities available at the Flat Creek Boat Access Area was conducted on October 29, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	Two single lane concrete ramps	Both are 100' long x 15' wide	(G)
Boat dock	One boat dock Concrete stationary section Wooden floating section Six mooring cleats Handicapped assistance rail	60' x 8' 50' x 8'	(G)
Navigational/info buoy	Three "Slow: No Wake" buoys	N/A	(G)
Fishing			
Shoreline access	Bank fishing	Approximately 550'	(G)
Vehicular Access			
Parking	One striped paved lot One gravel overflow lot	120' x 100' 150' x 100'	(G) Paved recently (G)
Utility/Sanitary			
Trash receptacles	Three receptacles (1 metal and 2 plastic) mounted on two 4x4s	N/A	(R) One appears to be missing, some vandalized
Lighting	Two lights at ramps and three at parking area	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Yadkin/NCWRC welcome signs (4) Boating Access Area Regulations (3) Littering is Illegal (3) Keep ramp clear Sport fish restoration Special Black Bass Regulations Boating Access (Wildlife) (2) Swimming, Fishing, Sunbathing from Docks Prohibited Emergency, Call 911 	8' x 4' 18" x 24" 12" x 18" 12" x 18" 12" x 18" 18" x 12" N/A 12" x 18"	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (2) Accessible No. (2)	Both ramps, facilitated by an accessible courtesy pier are accessible.
Boat dock Total No. (1) Accessible No. (1)	Boat dock is accessible; transition plates on floater are absent. A handicapped assistance handrail has been added. A Paved parking area, with handicapped parking spaces, directly connects to the boat dock.
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (550') Accessible No. (0')	Shoreline is not accessible (no accessible pathways). Also, no fishing piers or pads.
Camping	
Campground (group, developed, primitive) Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	Paved parking area provides access to boating facilities.
Parking Total No. Accessible No. 2 Location:	Parking area is paved. Two handicapped parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (3)	The trash receptacles are not accessible.
Information/interpretive displays	N/A

5.1.2.7 Flat Creek Fishing Access

Reservoir: Tuckertown

Site Name: Flat Creek Fishing Access

Property Owner: APCI, Yadkin Division

Site Manager: North Carolina Wildlife Resources Commission and APCI, Yadkin Division

Location: The Flat Creek Fishing Access is located in Morgan Township, Rowan County on Flat Creek, off River Road, State Route 2152.

Description of Facilities and Primary Recreational Activities: The Flat Creek Fishing Access Area Bank consists of shoreline fishing access, a small picnic area, and a small parking lot. Bank fishing is the primary recreational activity.

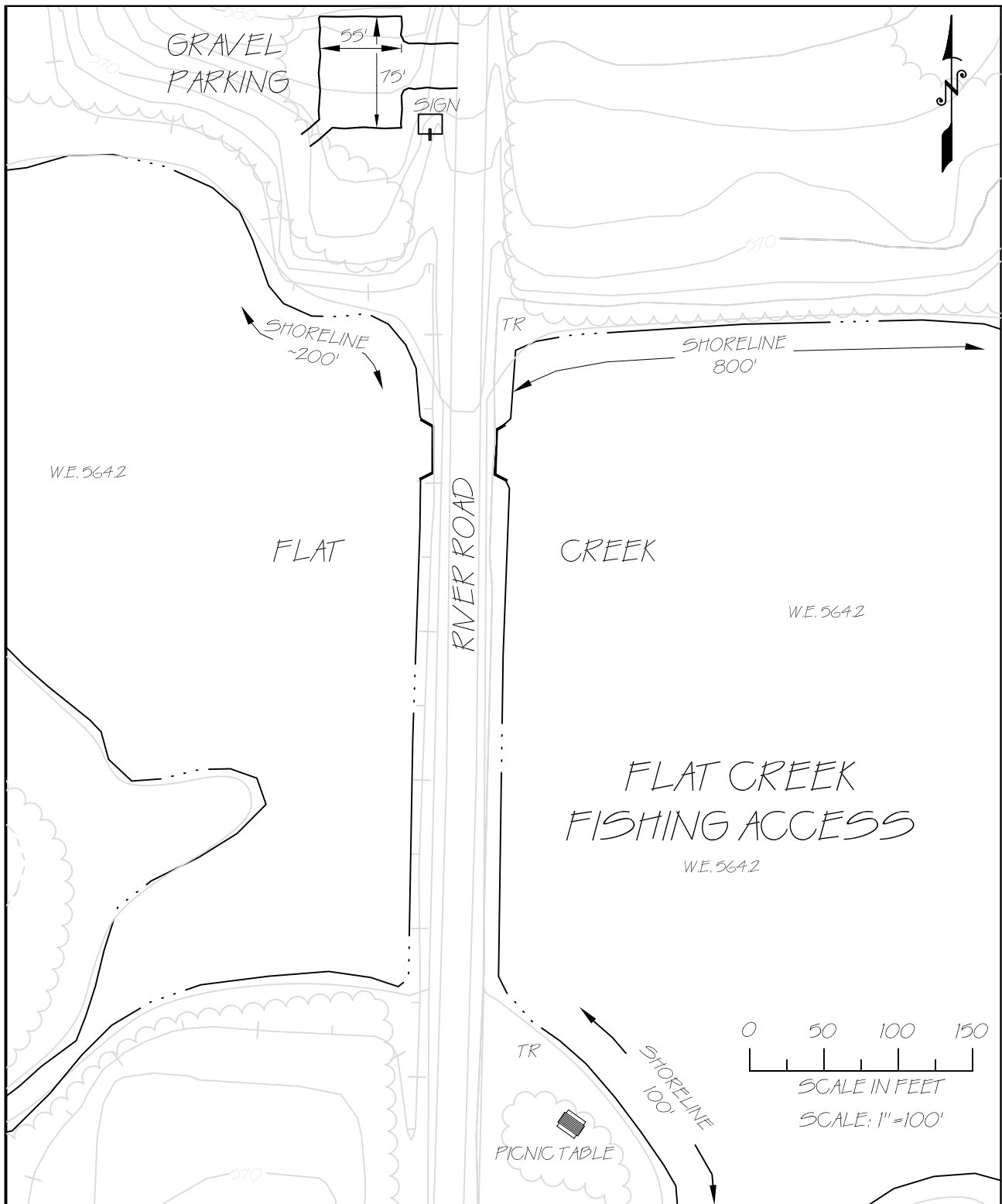
Site Regulations: 1) No littering.

Availability of Facilities at Varying Water Levels: There is evidence that the picnic area may become inundated during very high reservoir levels.

Age of Facilities: The Flat Creek Fishing Access was constructed by Yadkin in 1978.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: Site of picnic table is in a questionable location.



Alcoa Power Generating Inc.
Yadkin Division

FLAT CREEK FISHING ACCESS
TUCKERTOWN RESERVOIR - YADKIN RIVER

Date: 10 MAR 04

File Name: T-9 Flat Creek Fishing Access (rev2).dwg

Site Inventory:

An inventory of the recreational facilities available at the Flat Creek Fishing Access was conducted on October 29, 2003.

Facility	Description	Dimensions	Condition
Fishing			
Shoreline access	Bank fishing on both sides of River Road and at the bridge	Approximately 1,000'	(G)
Picnicking			
Picnic table	One concrete table with wooden benches	6' x 3' (tabletop) 2.3' (off of the ground) 1' (overhang)	(G) Of questionable location
Pedestrian Access			
Path to Facilities	Unimproved trail from parking area to shoreline	N/A	
Vehicular Access			
Parking	Gravel parking area with 11 curb stops	75' x 55'	(M) could use additional gravel
Utility/Sanitary			
Trash receptacles	Three plastic receptacles mounted on two 4x4s	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Yadkin welcome sign Wildlife Access Area, Public Fishing Yadkin-Pee Dee River Canoe Trail Access No Parking Littering is Illegal Sport Fish Restoration Fishing Access Area Regulations 	8' x 4' N/A 18" x 24" 12" x 18" 12" x 18" 12" x 18" 2' x 2'	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access	Shoreline is not accessible (no accessible pathways, difficult terrain/exposed roots).

Total no. (1000')	
Accessible No. (0')	
Camping	
Campground	N/A
Total No.	
Accessible No.	
Swimming	
Designated Swim Area	N/A
Total No.	
Accessible No.	
Sand Beach	N/A
Total No.	
Accessible No.	
Picnicking	
Picnic tables	Tables are not along an accessible pathway. Table overhang is not 19 inches and tables are not on a stable, flat surface.
Total No. (1)	
Accessible No. (0)	
Access and Parking	
Access to facilities	No accessible pathways.
Parking	Gravel parking area. No signed spaces.
Total No.	
Accessible No.	
Location:	
Sanitary Facilities	
Toilet and shower facilities	N/A
Total No.	
Accessible No.	
Other Features	
Drinking Water	N/A
Trash receptacles (0)	Not accessible.
Information/interpretive displays	N/A

5.1.2.8 Newsome Road Access

Reservoir: Tuckertown

Site Name: Newsome Road Access

Property Owner: APGI, Yadkin Division

Site Manager: APGI, Yadkin Division

Location: The Newsome Road Access is located at the end of Newsome Road off of Highway 8 in Davidson County.

Description of Facilities and Primary Recreational Activities: The Newsome Road Access consists of two boat ramps (one gravel, one unimproved), a picnic area, shoreline fishing access, and a small parking lot. Non-motorized boat launching, picnicking, and bank fishing are the primary recreational activities. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: None posted.

Availability of Facilities at Varying Water Levels: Launch ramps are only available for carry-in boating (non-motorized) and are therefore unaffected by reservoir water levels.

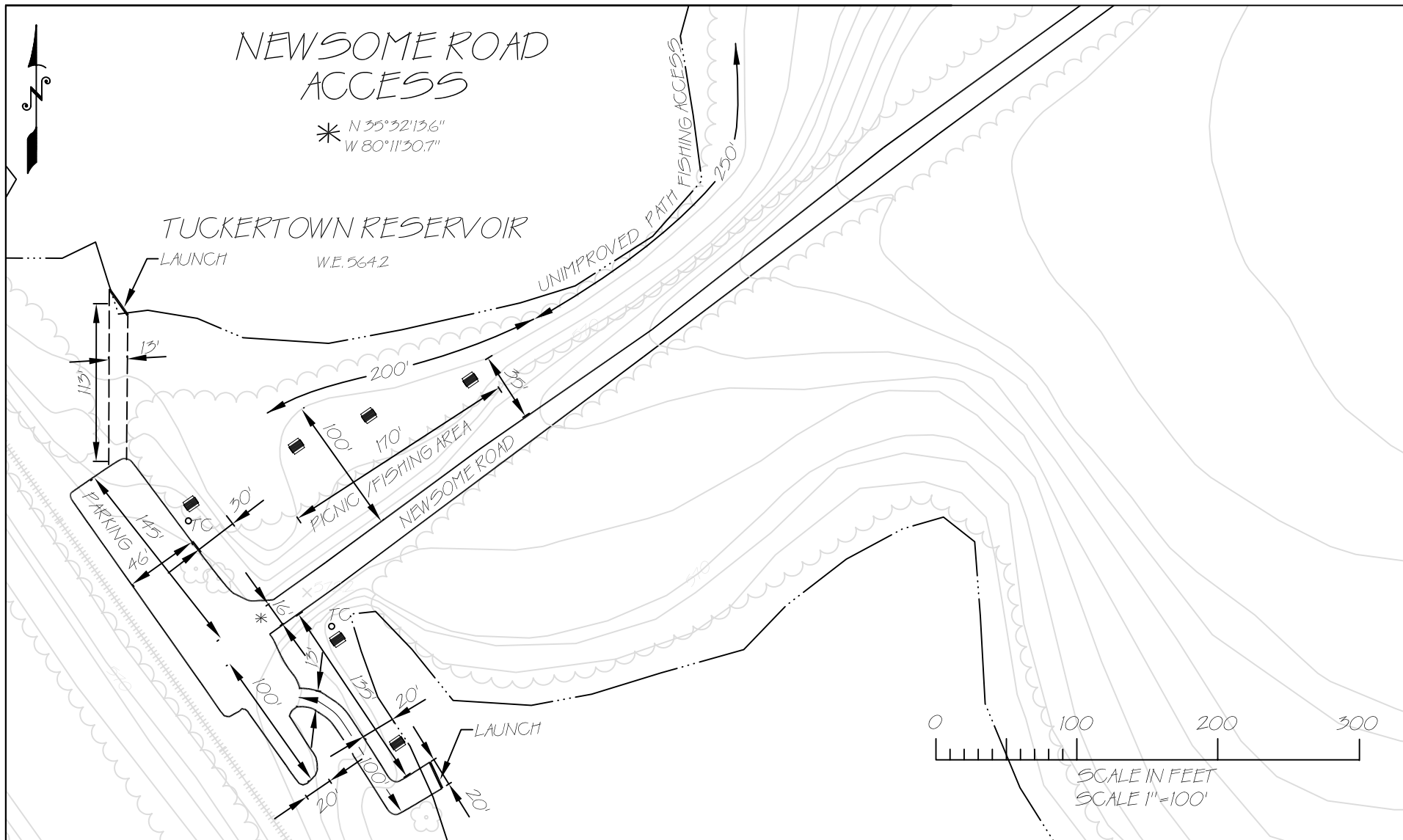
Age of Facilities: This area was constructed by Yadkin in 1985.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) Evidence of severe erosion on the unimproved boat launch. 2) Evidence of several campfires 3) No lighting.

Photographs: (1) Main Parking Area and (2) Gravel Boat Launch at Newsome Road Access





Alcoa Power Generating Inc.
Yadkin Division

**NEWSOME ROAD ACCESS
TUCKERTOWN RESERVOIR**

Date: 26 MARCH 04

File Name: T-10 Newsome Road Access.dwg

Site Inventory:

An inventory of the recreational facilities available at the Newsome Road Access was conducted on February 3, 2004.

Facility	Description	Dimensions	Condition
Boating			
Boat ramps (2)	One gravel boat launch One unimproved dirt launch	25' wide 20' wide	(R) Launch ramp is in general state of disrepair (R) Severe erosion, ramp is likely inaccessible for boat trailers
Fishing			
Shoreline access	Bank fishing from picnic area and unimproved access beyond picnic area	Approximately 450' total	(G)
Picnicking			
Picnic Tables	Six concrete tables	6' x 3' (tabletop) 0.9" x 6" (benches)	(G)
Shaded area	Large shaded/ grassy picnic area	Irregularly shaped, approximately 170' x 65'	(G)
Pedestrian Access			
Path to Facilities	Unimproved trails along shoreline used for bank fishing	N/A	(G)
Vehicular Access			
Secondary gravel road	Gravel road/path from larger parking area to gravel boat ramp	Approximately 115' x 13'	(G)
Parking	Two gravel parking areas	145' x 45' (area to the right) 100' x 20' (area to the left)	(G) (G)
Utility/Sanitary			
Trash receptacles	Three metal receptacles mounted on two 4x4s	N/A	(G) Generally good; some rust
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign Posted: No Vehicle Traffic Beyond This Point Yadkin Pee-Dee River Canoe Trail 	8' x 4' 3' x 3' 18" x 24"	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (2) Accessible No. (0)	No accessible pathway to or along either boat ramp.
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (300') Accessible No. (0')	Shoreline is not accessible (no accessible pathway).
Camping	
Campground Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (6) Accessible No. (0)	No accessible pathways. Picnic tables are not located on a firm, flat surface. Table overhang is not 19 inches.
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. (0) Location:	Gravel parking area. No designated spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (3)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.2.9 Riles Creek Recreation Area

Reservoir: Tuckertown

Site Name: Riles Creek Recreation Area

Property Owner: APGI, Yadkin Division

Site Manager: APGI, Yadkin Division

Location: The Riles Creek Recreation Area is located off of Stokes Ferry Road in Rowan County.

Description of Facilities and Primary Recreational Activities: The Riles Creek Recreation Area has a picnic area, shoreline fishing access, and a small parking area. Picnicking and bank fishing are the primary recreational activities. Carry-in boats can be launched from the shoreline (although there are no ramps) and this area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Yadkin's "public use rules." 2) No jumping from bridge.

Availability of Facilities at Varying Water Levels: The recreational facilities are generally unaffected by changes in reservoir water levels (typically 1 to 3 feet fluctuations).

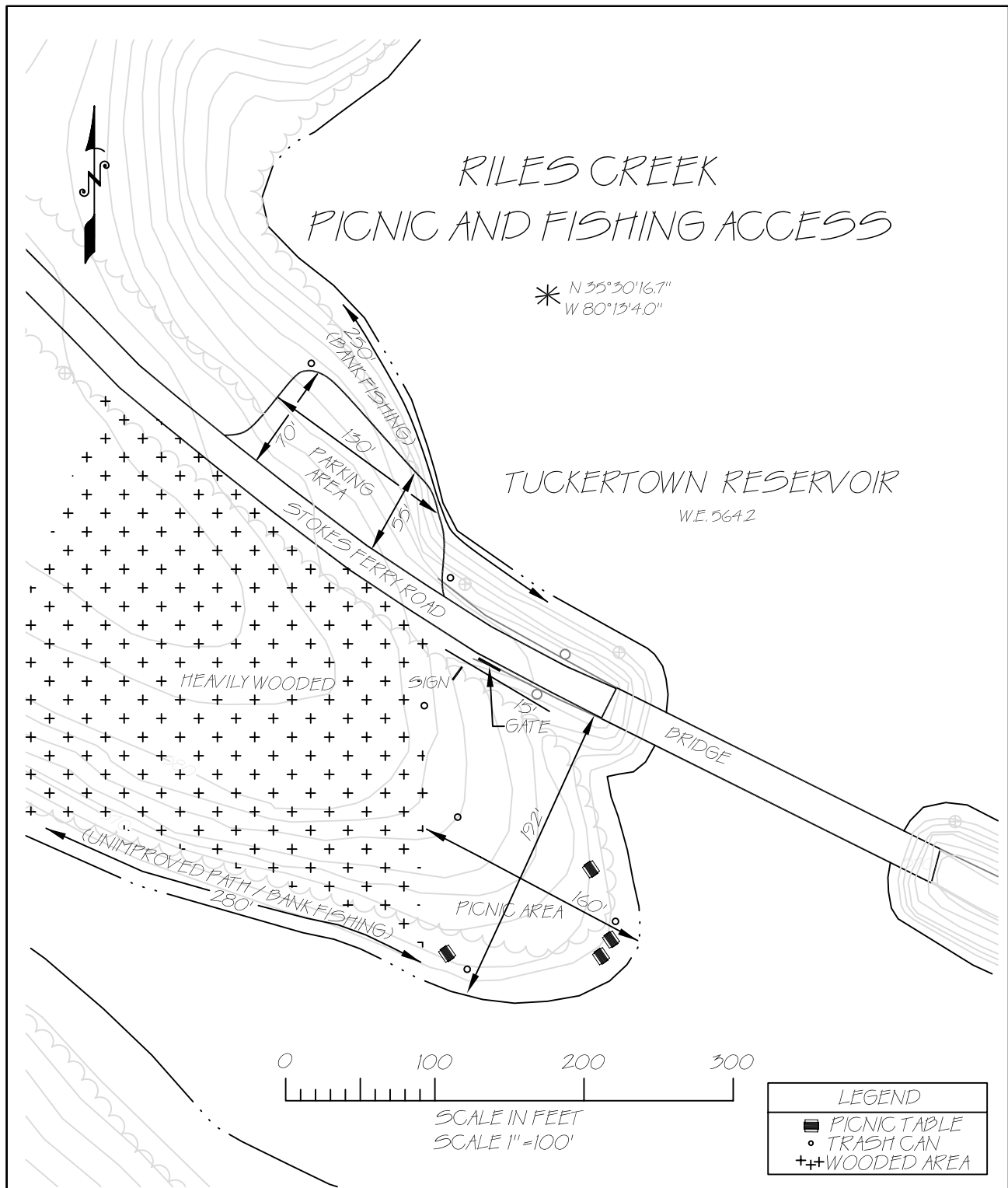
Age of Facilities: The Riles Creek Recreation Area was constructed by Yadkin in 1981.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) No lighting. 2) Parking area is on opposite side of the Stokes Ferry Road and there are no pedestrian warning signs. 3) Evidence of unauthorized fires. 4) Several signs have been vandalized (see inventory). 5) Evidence of erosion near picnic area.

Photographs: (1) Pull-off Parking Area and (2) Shoreline Access Near Bridge at Riles Creek Recreation Area





Alcoa Power Generating Inc.
Yadkin Division

**RILES CREEK PICNIC AND FISHING ACCESS
TUCKERTOWN RESERVOIR**

Date: 20 May 04

File Name: T-12 Riles Creek_b.dwg

Site Inventory:

An inventory of the recreational facilities available at the Riles Creek Recreation Area was conducted on February 3, 2004.

Facility	Description	Dimensions	Condition
Boating			
Navigational/info buoy	Several "Slow: No Wake" signs near the bridge		
Fishing			
Shoreline access	Bank fishing from parking area	Approximately 250'	(G)
	Bank fishing from picnic area and unimproved access extending beyond picnic area	Approximately 590'	(G)
Picnicking			
Picnic Tables	Five concrete tables (3 have wooden benches and 2 have concrete benches)	6' x 3' (tabletop) 0.9" x 6" (benches)	(G)
Shaded area	Large shaded/ grassy picnic area	160' x 192'	(M) Erosion leaving numerous exposed roots and difficult terrain
Vehicular Access			
Parking	Gravel parking area on opposite side of Stokes Ferry Rd.	130' long x 55-70' wide	(M) Gravel and dirt among trees, awkward slopes, boundaries are not clearly delineated
Utility/Sanitary			
Trash receptacles	Six receptacles total Two at parking area and four at picnic area (2 plastic, 3 metal)		(R) Some are rusting, some of the posts are deteriorated
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign Public Use Rules Sign post without a sign Bridge Weight Limit Sign No Jumping From Bridge 	8' x 4' 2' x 2'	(G) (G) (N) Unknown sign has been removed from post (R) Signpost has been upended and is on the ground (R) Signpost has been upended and is on the ground

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (0) Accessible No. (0)	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (840') Accessible No. (0')	Shoreline is not accessible (no accessible pathway). Terrain (slope and exposed roots) is difficult.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (5) Accessible No. (0)	No accessible pathways.
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area. No designated spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (6)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.2.10 Highway 49 Boat Access Area

Reservoir: Tuckertown

Site Name: Highway 49 Boat Access Area

Property Owner: APGI, Yadkin Division

Site Manager: APGI, Yadkin Division

Location: The Highway 49 Boat Access Area is located off of Highway 49 in Rowan County.

Description of Facilities and Primary Recreational Activities: The Highway 49 Boat Access Area has two boat ramps, two boat docks, and a large parking lot. The primary recreational activities at the Highway 49 Boat Access Area are motorized boat launching and bank fishing. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Yadkin's "public use rules." 2) No Swimming.

Availability of Facilities at Varying Water Levels: The boat ramps have a maximum water depth of 5.8 feet, generally keeping them usable for motorized boats during normal operating conditions (typically 1 to 3 feet fluctuations).

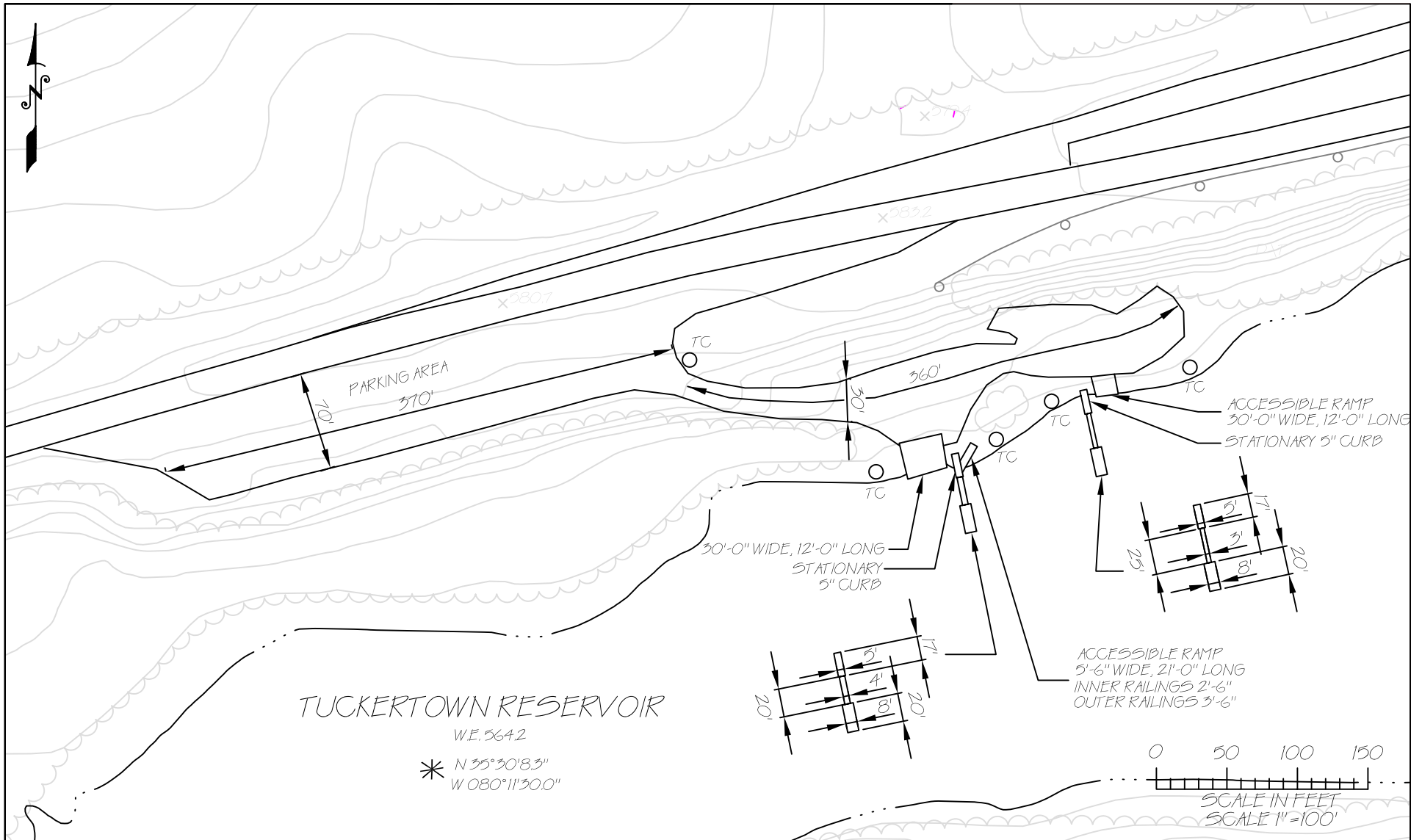
Age of Facilities: This area was constructed by Yadkin in 1978 and 1980. Two new boat dock systems, designed to be barrier-free, were installed during the winter of 2000-01.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: None identified.

Photographs: Two Boat Docks at Highway 49 Boat Access Area





Alcoa Power Generating Inc.
Yadkin Division

HIGHWAY 49 BOAT ACCESS AREA
TUCKERTOWN RESERVOIR

Site Inventory:

An inventory of the recreational facilities available at the Highway 49 Boat Access Area was conducted on September 3, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramps (2)	One double-lane concrete ramp	44' x 32'	(R) Needs resurfacing
	One single-lane concrete ramp	20' x 16'	(R) Needs resurfacing
Boat docks (2)	2 boat dock systems	First dock: 5' wide (accessible ramp) 5' wide (stationary) 41' long (ramp) 20' x 8' (terminal) Second dock: 17' x 5' (stationary) 22' x 3' (aluminum ramp) 20' x 8' (floating terminal)	(G) Recently installed (2001) (G) Recently Installed (2001)
Vehicular Access			
Parking	Large, gravel parking/staging area	Approximately 350' x 75'	(G)
Utility/Sanitary			
Toilet	One portable toilet behind a wooden screen	N/A	(G)
Trash receptacles	Five trash receptacles (3 plastic, 2 metal) mounted on two 4 x 4s	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none">• Welcome signs (2)• Yadkin Public Use Rules• No Parking (7)• No Parking, Staging Area• No Swimming, Boat Access• Yadkin Pee-Dee River Canoe Trail Access	8' x 4' 3' x 3' 12'' x 18'' 12'' x 18'' 2' x 2' 18'' x 24''	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (2)	One ramp and courtesy dock combination designed to be accessible; however, there are no accessible pathways to the facilities.

Accessible No. (0)	
Boat dock Total No. (2) Accessible No. (0)	Docks designed to be accessible, but there are no accessible pathways to the facilities.
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. Accessible No.	No accessible pathway to shoreline. No fishing piers or pads.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area. No signed handicapped spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (6)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.2.11 Tuckertown Road Pull-off Fishing Access

The Tuckertown Road Pull-off Fishing Areas consists of four separate pull-off areas used for bank fishing. The pull-off areas are located directly off of Tuckertown Road in Davidson and Montgomery counties.

The first site (southernmost) has a small, grass pull-off parking area on the same side of Tuckertown Road as the access area. Due to the absence of improved parking the pull-off also has considerable mud and vehicle tracks. Facilities at the site include one metal trash receptacle mounted on two 4 x 4s and several unimproved paths to and along the shoreline. There are no signs, accessible pathways, or vegetation management at this site. The site is also located directly adjacent to a NCWRC Game Lands area.

The second site has a small pull-off parking area on the opposite side of Tuckertown Road as the access point, creating potentially unsafe vehicular/pedestrian interactions. The sites facilities include two trash receptacles (one plastic, one metal) mounted on two 4 x 4s and several unimproved paths to and along the shoreline. There are no signs or vegetation management at this site.

The third site has a U-shaped, gravel pull-off parking area that is in good condition. The site also has one metal trash receptacle and unimproved paths along the shoreline. The footpaths were observed to be muddy. There are no signs, lighting or vegetation management at this site. This site is also located directly adjacent to a NCWRC Game Lands area.

The fourth site (northernmost) has little or no available parking. No parking signs have been posted at an adjacent private driveway. This site has three metal trash receptacles and unimproved shoreline access. Non-motorized boaters could potentially use this site for launching. There are no signs, lighting or vegetation management at this site.

5.1.2.12 Tuckertown Dam Canoe Portage

The Tuckertown Dam Canoe Portage Trail is located on the east side (Montgomery County) of Tuckertown Dam. The takeout is approximately 100 yards before the dam. From the takeout, the trail follows uneven terrain ascending towards the dam edge. At the dam, the trail then opens up to a wide, grassy trail and follows a fence line. The trail then connects with a gravel powerhouse access road. The road follows two switchbacks to the waterfront at Tuckertown Dam Tailrace Fishing Access. The put-in is along the shoreline at the fishing access. The trail is clearly marked throughout by orange blazes. On the date of the inventory there were no observed maintenance issues, although conditions could potentially change during the growing season. The total trail distance is about one-third of a mile.

Signs at takeout: large, brown “Yadkin River Canoe Portage” and “Yadkin-Pee Dee River Canoe Portage” (Yadkin-Pee Dee Lakes Project sign)

Photograph: Tuckertown Dam Canoe Portage Trail from the Takeout



5.1.3 Narrows Reservoir (Badin Lake)

Located in Davidson, Stanly, and Montgomery counties, Narrows Reservoir (Badin Lake) has 16 public recreation areas and one commercial recreation area¹ that provide direct access to the reservoir. The Uwharrie National Forest (UNF) also borders the reservoir on the east. The UNF maintains several recreation areas that provide access to Narrows Reservoir (Badin Lake). A summary of the major facilities on Narrows Reservoir is included in Table 5 below.

Fourteen of the 16 public recreation areas have major facilities; the only two areas without major facilities are Tuckertown Dam Tailrace Access Area and the Narrows Dam Canoe Portage. All totaled, there are 10 boat ramps, 7 boat docks, 2 fishing piers, 1 swim area, 3 campgrounds, and 7 picnic areas on Narrows Reservoir (Badin Lake). Individually, 7 boat ramps, 4 boat docks, 1 fishing pier, 3 campgrounds, and 3 picnic areas are located in Montgomery County and 3 boat ramps, 3 boat docks, 1 fishing pier, 1 swim area, and 4 picnic areas are located in Stanly County. There are no public recreation areas on Narrows Reservoir (Badin Lake) located in Davidson County.

Table 5: Major Public Facilities on Narrows Reservoir (Badin Lake) by County and Access Area.

<i>Narrows Reservoir</i>		<i>Major Facilities</i>					
<i>Site Name</i>	<i>County</i>	<i>Boat Ramp</i>	<i>Boat Dock</i>	<i>Fishing Pier</i>	<i>Swim Area</i>	<i>Camp-ground</i>	<i>Picnic Area</i>
Tuckertown Dam Tailrace Access Area	Montgomery	0	0	0	0	0	1
Garr Creek Access	Montgomery	1	0	0	0	0	0
Circle Drive Boat Access	Montgomery	3	3	0	0	0	0
Lakemont Access	Montgomery	2	0	0	0	0	0
UNF Holt's Cabin Picnic Area	Montgomery	0	0	0	0	0	1
UNF King's Mountain Point Walk-in Fishing Pier	Montgomery	0	0	1	0	0	0
UNF Badin Lake Campground	Montgomery	0	0	0	0	1	0
UNF Arrowhead Campground	Montgomery	0	0	0	0	1	0
UNF Cove Boat Landing	Montgomery	1	1	0	0	0	1
Badin Lake Group Camp	Montgomery	0	0	0	0	1	0
Old Whitney Fishing Pier	Stanly	0	0	1	0	0	1
Old Whitney Boat Access	Stanly	1	1	0	0	0	1
Palmerville Access	Stanly	1	0	0	0	0	0
Badin Lake Swim and Picnic Area	Stanly	0	0	0	1	0	1
Badin Lake Boat Access	Stanly	1	2	0	0	0	1
Narrows Dam Canoe Portage	Stanly	0	0	0	0	0	0
Montgomery Co. Totals	10 areas	7	4	1	0	3	3
Stanly Co. Totals	6 areas	3	3	1	1	0	4
Narrows Reservoir Totals	16 areas	10	7	2	1	3	7

¹ Included in this inventory.

5.1.3.1 Tuckertown Dam Tailrace Access

Reservoir: Narrows

Site Name: Tuckertown Dam Tailrace Access Area

Property Owner: APGI, Yadkin Division

Site Manager: APGI, Yadkin Division

Location: The Tuckertown Dam Tailrace Access Area is located off Tuckertown Road, State Route 1164 in Montgomery County, North Carolina.

Description of Facilities and Primary Recreational Activities: The Tuckertown Dam Tailrace Access consists of an improved, cement fishing pathway/abutment, tailwater fishing access, and two small parking areas. Improved shoreline fishing (from the abutment) and bank fishing are the primary recreational activities. This area is included as part of the Yadkin-Pee Dee River Trail and is adjacent to the Tuckertown Dam Canoe Portage Trail.

Site Regulations: Yadkin's "public use rules."

Availability of Facilities at Varying Water Levels: This area is generally unaffected by changes in reservoir water levels.¹

Age of Facilities: This area was constructed by Yadkin in 1980.

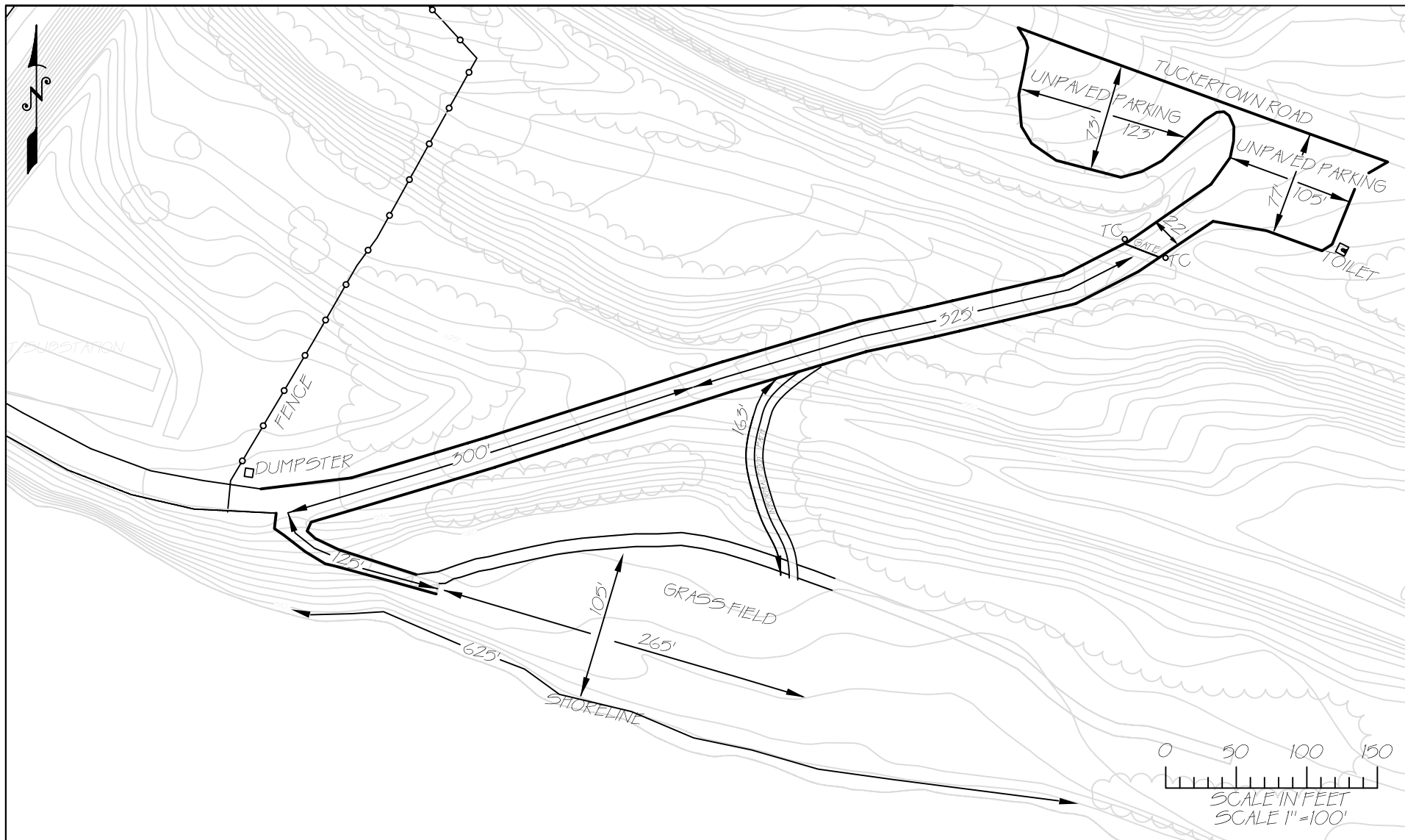
Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) Observed litter. 2) Access to site requires crossing railroad tracks and walking along vehicular access road. 3) Tailwater access is potentially dangerous and there are no signs about sudden rise in water.

¹ Narrows Reservoir is generally operated as a run-of-river facility with a maximum daily fluctuation of 1 to 2 feet

Photographs: (1) Cement Fishing Abutment and (2) Shoreline Fishing Access at Tuckertown Dam Tailrace Access





Alcoa Power Generating Inc.
Yadkin Division

TUCKERTOWN DAM TAILRACE ACCESS
TUCKERTOWN RESERVOIR - YADKIN RIVER

Site Inventory:

An inventory of the recreational facilities available at the Tuckertown Dam Tailrace Access Area was conducted on September 3, 2003

Facility	Description	Dimensions	Condition
Fishing			
Shoreline access	Improved cement fishing pathway and abutment	Approximately 300' long	(G)
	Unimproved bank fishing, including railed area near dam	Approximately 625'	(G)
Picnicking			
Grass area	Large grassy field/picnic area	265' x 105'	(G)
Pedestrian Access			
Path to facilities	Concrete path along shoreline near dam	N/A	(G)
Trail	Dam canoe portage trail	N/A	(G)
Vehicular Access			
Secondary gravel road	Gravel access road from parking area	Approximately 750' long	(G)
Parking	Two large, gravel parking areas directly off Tuckertown Road at railroad tracks	Approximately 105' x 80' and 125' x 75'	(G)
Utility/Sanitary			
Toilet	One portable toilet behind wooden screen at parking area	N/A	(G)
Trash receptacles	Ten receptacles (9 plastic, 1 metal) mounted on two 4 x 4s	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Welcome signs (2) Fishing Access Is Provided For Your Enjoyment (4: 1 English, 3 Spanish) Speed Limit Posted RR Tracks (2) Public Use Rules Do Not Block Entrance 8 ½ x 11 paper signs (2) 	8' x 4' N/A N/A N/A 3' x 3' 2' x 2'	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access Total no. (625') Accessible No. (0')	Paved pathway nears dam exceeds slope requirements. No accessible pathway from parking.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area. No signed handicapped spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (10)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.3.2 Garr Creek Access Area

Reservoir: Narrows

Site Name: Garr Creek Access Area

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Garr Creek Access Area is located on Tuckertown Road, State Route 1164 in Montgomery County, North Carolina.

Description of Facilities and Primary Recreational Activities: The Garr Creek Access Area has two boat ramps (one concrete, one unimproved), shoreline fishing access, and a small parking area. Motorized and non-motorized boat launching and bank fishing are the primary recreational activities. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Yadkin's "public use rules." 2) No swimming.

Availability of Facilities at Varying Water Levels: The boat launching ramps have a maximum water depth of 4.4 feet, generally keeping them usable for motorized boats during normal reservoir operation (typically 1 to 3 feet fluctuations).

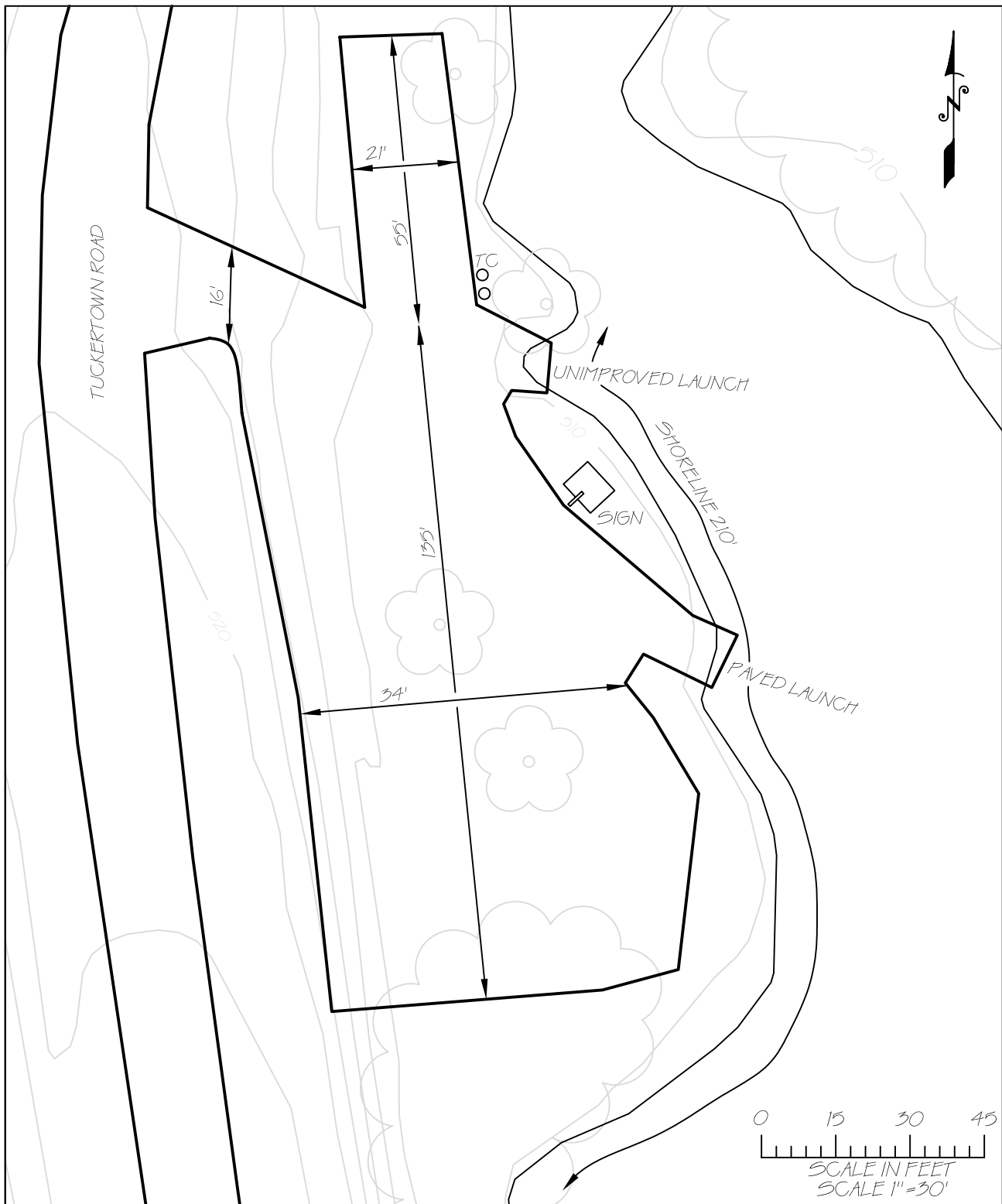
Age of Facilities: This area was constructed by Yadkin in 1976.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) No lighting.

Photographs: (1) Concrete Boat Ramp at Garr Creek Access Area





Alcoa Power Generating Inc.
Yadkin Division

GARR CREEK ACCESS
NARROWS RESERVOIR - YADKIN RIVER

Date: 26 MARCH 04

File Name: N-2 Garr Creek Access.dwg

Site Inventory:

An inventory of the recreational facilities available at the Garr Creek Access Area was conducted on September 3, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramps	One unimproved launch area	Approximately 10' x 10-12'	(R) Needs repair
	One single-lane concrete launch	Approximately 8' wide	(R) Needs repair
Fishing			
Shoreline access	Limited bank fishing	Approximately 210' although not accessible in all spots	(G)
Vehicular Access			
Secondary gravel road	Gravel access road off of Tuckertown Road to parking area	Approximately 16' wide	(G)
Parking	Gravel parking area just off of Tuckertown Road	Approximately 190' by 20-65'	(G)
Utility/Sanitary			
Trash receptacles	Two receptacles (1 metal, 1 plastic) mounted on two 4 x 4s		(G)
Signs			
Signs	<ul style="list-style-type: none"> Welcome signs (2) Public Use Rules Yadkin Pee Dee River Trail Canoe Access Danger Overhead Electric Lines No Swimming, Boat Launch Area (1) 	8' x 4' 3' x 3' 18" x 24" 2' x 2' 2' x 2'	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (2) Accessible No. (0)	No accessible pathway to or along either boat ramp.
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (210') Accessible No. (0')	Shoreline is not accessible (no accessible pathways). No fishing pier or fishing pads.

Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area. No signed handicapped spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (10)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.3.3 Old Whitney Fishing Pier

Reservoir: Narrows

Site Name: Old Whitney Fishing Pier

Property Owner: North Carolina Wildlife Resources Commission (under agreement with APGI, Yadkin Division).

Site Manager: North Carolina Wildlife Resources Commission

Location: The Old Whitney Fishing Pier is adjacent to the Old Whitney Public Boat Access on Old Whitney Road, State Route 1521, located in Harris Township, Stanly County.

Description of Facilities and Primary Recreational Activities: The Old Whitney Fishing Pier has of a fishing pier, a picnic area, shoreline fishing access, and a large parking lot (shared with Old Whitney Boat Access). The primary recreational activities at the Old Whitney Fishing Pier are bank/pier fishing and picnicking.

Site Regulations: 1) NCWRC fishing access area regulations.¹

Availability of Facilities at Varying Water Levels: The recreational facilities are generally unaffected by changes in reservoir water levels. Fishing from the pier should be unaffected by normal operating conditions, but may become affected at lower water levels (draw downs greater than the typical 3 feet range of fluctuations).

Age of Facilities: Unknown.

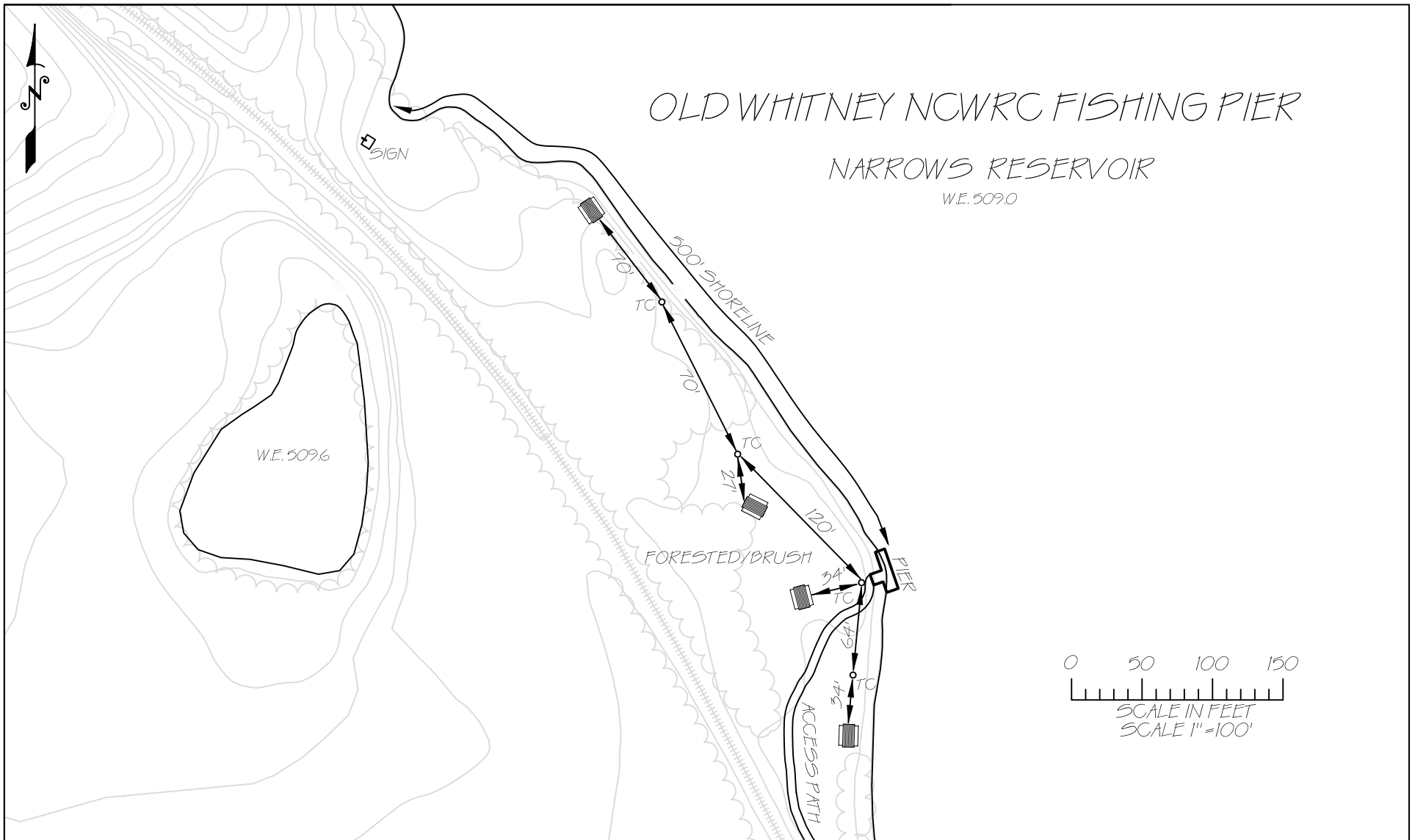
Plans to Upgrade, Expand, or Construct New Facilities: NCWRC is planning to riprap portions of the shoreline (2004).

Observations of Operations, Maintenance, and Safety Issues: 1) Railroad tracks must be crossed for access. 2) No lighting.

¹ The NCWRC fishing access area regulations are as follows: "Except where facilities are provided and approved activities are posted, it is unlawful to use any public fishing area for purposes other than fishing. All other activities including possessing loaded firearms, swimming, launching or mooring jet skis or boats, skiing, building fires, operating concessions, or other activities not directly associated with fishing are prohibited."

Photographs: (1) Old Whitney Fishing Pier and (2) Picnic Area





Alcoa Power Generating Inc.
Yadkin Division

Old Whitney New Recreation Fishing Pier
Narrows Reservoir

Site Inventory:

An inventory of the recreational facilities available at the Old Whitney Fishing Pier was conducted on August 26, 2003.

Facility	Description	Dimensions	Condition
Fishing			
Pier Fishing	Wooden fishing pier	8' wide x 23' long 3.5' (railing height)	(G)
Shoreline access	Bank fishing along shoreline adjacent to pier	Approximately 500'	(G)
Picnicking			
Picnic Tables	Four concrete tables (some have wooden benches)	6' x 3' (tabletop) 34" (height) 12" (overhang)	(G)
Shaded area	Large grassy picnic area	Approximately 450' x 130'	(G)
Pedestrian Access			
Path to Facilities	Gravel pathway	Approximately 7' wide	(M) Grass growing through, needs gravel
Vehicular Access			
Parking	Large gravel parking area (shared with Old Whitney Boat Access)	Approximately 90' x 201' x 260' x 353'	(G)
Utility/Sanitary			
Toilet	Portable toilet behind wooden screen at parking area	N/A	(G)
Trash receptacles	Four plastic receptacles mounted on two 4 x 4s	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> NCWRC Fishing Access Area Fishing Access Area Regulations Sport Fish Restoration 	8' x 4' N/A 12" x 18"	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (1) Accessible No. (0)	Not accessible. No accessible pathway, two-tiered pier without ramp.

Shoreline fishing access Total no. (500') Accessible No. (0')	Shoreline is not accessible (no accessible pathway). No fishing pads.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (5) Accessible No. (0)	No accessible pathways. Picnic tables are not on a firm, flat surface. Table overhang is not 19 inches.
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area. No signed handicapped parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	Not along accessible pathway.
Other Features	
Drinking Water	N/A
Trash receptacles (6)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.3.4 Old Whitney Boat Access

Reservoir: Narrows

Site Name: Old Whitney Boat Access

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Old Whitney Boat Access is adjacent to the Old Whitney Fishing Pier on Old Whitney Road, State Route 1521, located in Harris Township, Stanly County.

Description of Facilities and Primary Recreational Activities: Old Whitney Boat Access Area consists of a boat ramp, a boat dock, a picnic area, shoreline fishing access, and a large parking lot. Motorized boat launching, bank fishing, and picnicking are the primary recreational activities. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: Yadkin's "public use rules."

Availability of Facilities at Varying Water Levels: The boat launching ramps have a maximum water depth of 13.3 feet, generally keeping them usable during normal operating conditions (typically 0 to 3 feet fluctuations).

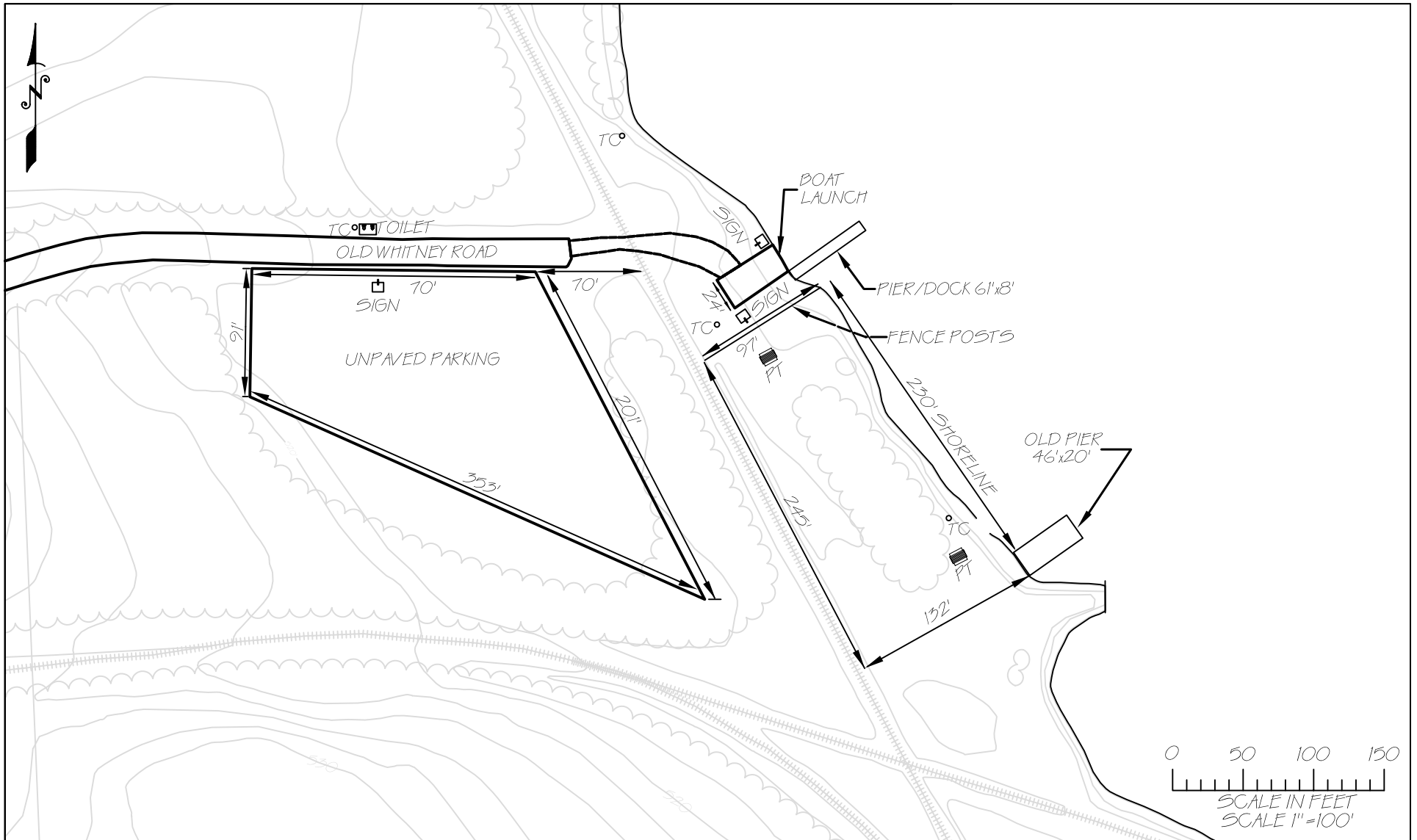
Age of Facilities: This area was constructed by Yadkin in 1975. A new, anti-sway floating dock was recently installed at the Old Whitney Public Boat Access in 2001.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) No lighting. 2) No sign prohibiting swimming at launch area. 3) Evidence of unauthorized campfires. 4) Railroad tracks must be crossed for access.

Photographs: (1) Boat Dock at Old Whitney Boat Access





Alcoa Power Generating Inc.
Yadkin Division

OLD WHITNEY BOAT ACCESS
NARROWS RESERVOIR

Site Inventory:

An inventory of the recreational facilities available at the Old Whitney Boat Access was conducted on August 26, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	Single-lane concrete launch ramp	24' wide	(G)
Boat dock	Floating wooden dock with transition plates	8' x 60' 2" curbs (without spaces)	(G) Recently installed (2001)
Navigational/info buoys	6 "Slow: No Wake" buoys	N/A	(G)
Fishing			
Shoreline access	Bank fishing along shoreline adjacent to picnic area	Approximately 250'	(G)
Picnicking			
Picnic Tables	Two concrete tables	6' x 3' (tabletop) 34" (height) 12" (overhang)	(G)
Shaded/grassy area	Large grassy/shaded picnic area	Approximately 240' x 100'	(G)
Vehicular Access			
Parking	Shared with Old Whitney Fishing Pier (see section 5.1.3.3)		(G)
Utility/Sanitary			
Toilet	Portable toilet behind wooden screen at parking area	N/A	(G)
Trash receptacles	Nine receptacles (5 plastic, 4 metal) mounted on two 4 x 4s	N/A	(G)
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign No Parking This Side of Tracks Danger, Overhead Electrical Lines Yadkin Pee Dee River Canoe Trail Access Public Use Rules Old Whitney Parking Area Sign 	8' x 4' 8' x 4' 2' x 2' 18" x 24" 3' x 3' 8' x 4'	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	Accessible courtesy dock available but no accessible pathway to dock/ramp. Visitors must cross over railroad tracks to access facilities.
Boat dock Total No. (1) Accessible No. (0)	Courtesy dock built to be accessible; however, the absence of an accessible pathway and open spaces in the curbs makes the dock inaccessible.
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access Total no. (250') Accessible No. (0')	Shoreline is not accessible (no accessible pathway). No fishing pads.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (2) Accessible No. (0)	Picnic tables are not located on a firm, flat surface along an accessible pathway. Table overhang is not 19 inches.
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area. No signed handicapped parking spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. (1) Accessible No.	Not along an accessible pathway.
Other Features	
Drinking Water	N/A
Trash receptacles (9)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.3.5 Circle Drive Boat Access Area

Reservoir: Narrows

Site Name: Circle Drive Boat Access Area

Property Owner: APGI, Yadkin Division owns up to the 545 contour; North Carolina Wildlife Resources Commission is the property owner above the 545 contour.

Site Manager: North Carolina Wildlife Resources Commission (NCWRC)

Location: The Circle Drive Boat Access Area is located off Shoreline Drive Road, State Route 2551, in Eldorado Township, Davidson County, North Carolina.

Description of Facilities and Primary Recreational Activities: Circle Drive Boat Access Area consists of three accessible boat ramps and three accessible boat docks, shoreline fishing access, and a large parking area (including a designated handicapped parking space). Motorized boat launching is the primary recreational activity. The reservoir's shoreline also provides bank fishing opportunities at the access area. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Boating Access Area Regulations – the area can be used for the launching and recovery of boats and the parking of boat trailers. All other uses are prohibited. 2) Swimming, sunbathing, and fishing from the docks is prohibited. 3) Special black bass and crappie regulations apply.

Availability of Facilities at Varying Water Levels: The maximum water depth at the end of the launch ramp during normal full-pool reservoir levels is 6.2 feet, generally keeping the ramp usable during normal operating conditions (typically 0 to 3 feet fluctuations).

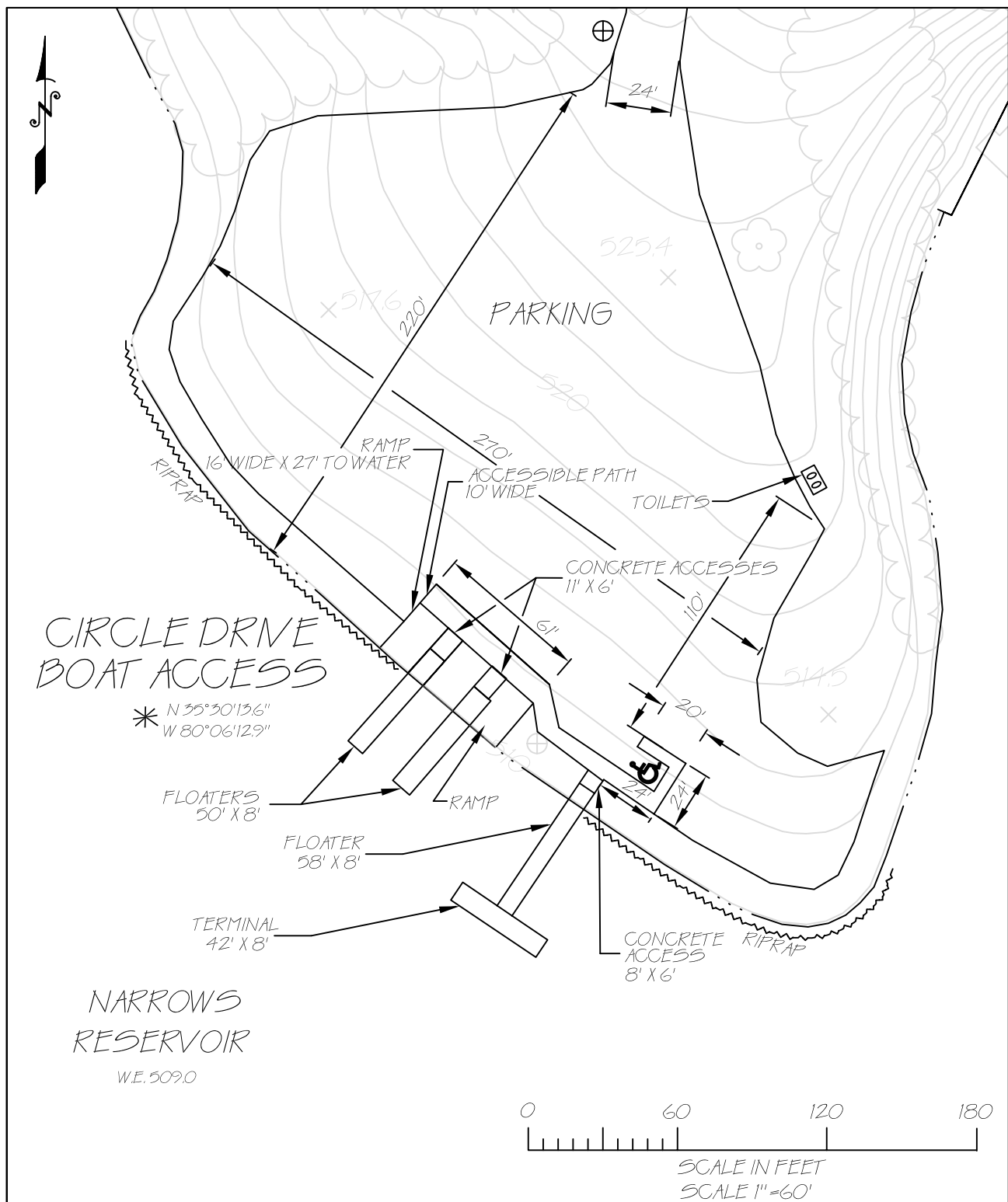
Age of Facilities: This area was constructed by the NCWRC in 1967. The boat ramps were extended 20-ft in winter 2000-01.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) There are no trash receptacles available at the access area and litter was observed as a problem (sanitary maintenance). 2) The accessible sidewalk crosses the path of the boat ramps (vehicular/pedestrian interaction). 3) There is no lighting at the access area.

Photographs: (1) Boat Launching Area and (2) Handicapped Accessible Rail





Alcoa Power Generating Inc.
Yadkin Division

**CIRCLE DRIVE BOAT ACCESS
NARROWS RESERVOIR - YADKIN RIVER**

Date: 26 March 04

File Name: N-13 Circle Drive Boat Access.dwg

Site Inventory:

An inventory of the recreational facilities available at the Circle Drive Boat Access Area was conducted on September 3, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramps	Three single-lane concrete launch lanes	14' x 104' (all three)	(G) Good
Dock (1)	T-shaped floating dock with 6 tie-offs; blue reflectors on dock	8' x 64'; 8' x 42'	(G) Generally good, but missing reflectors and tie-off
Dock (2)	Floating dock with 4 tie-offs	8' x 60'	(G) Good
Dock (3)	Floating dock with 4 tie-offs	8' x 60'	(G) Good
Navigation/info buoys	"Slow: No Wake" buoys	N/A	
Fishing			
Shoreline fishing access	Bank fishing	Approximately 350'	(G)
Pedestrian Access			
Walkway	Concrete walkway connects all three boat ramps and docks		(G), (M) Loose gravel from parking area on walkway
Parking	Large gravel parking area	Approximately 195' x 300'	(G)
Utility/Sanitary			
Portable toilet	Two portable toilets behind a wooden screen	N/A	(G), (M) (litter in this area is a problem)
Signs			
	<ul style="list-style-type: none"> Welcome sign (1) Littering is Illegal (6) Boating Access Area Regulations (2) Swimming, Sunbathing, or Fishing from Docks Prohibited (2) No Picnicking, No Swimming, No Camping Overhead Power Lines Keep Ramp Clear (2) Handicapped Parking Special Crappie Regulations Apply Special Black Bass Regulations Apply Sport Fish Restoration Yadkin Pee Dee River Canoe Trail 	8' x 4' 12" x 18" 18" x 24" 12" x 18" 18" x 24" 24" x 24" 12" x 18" 12" x 12" 18" x 12" 12" x 18" 18" x 24"	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (3) Accessible No. (3)	All three boat ramps are accessible via a concrete pathway (when not obstructed with large gravel) from an accessible parking space.
Boat dock Total No. (3) Accessible No. (3)	Accessible pathway from designated parking space to accessible docks. The NCWRC recently (2004) installed boarding bars to improve accessibility (see photo).
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (350') Accessible No. (0')	Shoreline generally not accessible (no accessible pathway and no fishing pier or pads).
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	Concrete pathway (8' wide) from reserved parking space to each of the three boat ramps and docks.
Parking Total No. Accessible No. (1) Location: Near boat dock	Gravel parking area with one reserved parking space with curb adjacent to paved accessible pathway.
Sanitary Facilities	
Toilet and shower facilities Total No. (2) Accessible No.	Not along accessible pathway; facilities not accessible.
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.3.6 Lakemont Access Area

Reservoir: Narrows

Site Name: Lakemont Access Area

Property Owner: North Carolina Wildlife Resources Commission (NCWRC)

Site Manager: NCWRC

Location: The Lakemont Access Area is located off Strand Road, State Route 1158 Montgomery County, North Carolina.

Description of Facilities and Primary Recreational Activities: The Lakemont Access Area has two concrete boat ramps and a gravel parking area. The primary recreational activity at the Lakemont Access Area is both motorized and non-motorized boat launching. This area is also included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) NCWRC boating access area regulations. 2) Special black bass and crappie regulations apply. 3) Swimming, fishing, or sunbathing from docks prohibited.

Availability of Facilities at Varying Water Levels: The boat launching ramps have a maximum water depth of 7.4 feet during normal full-pool elevation water levels, generally keeping them usable during normal operating conditions.

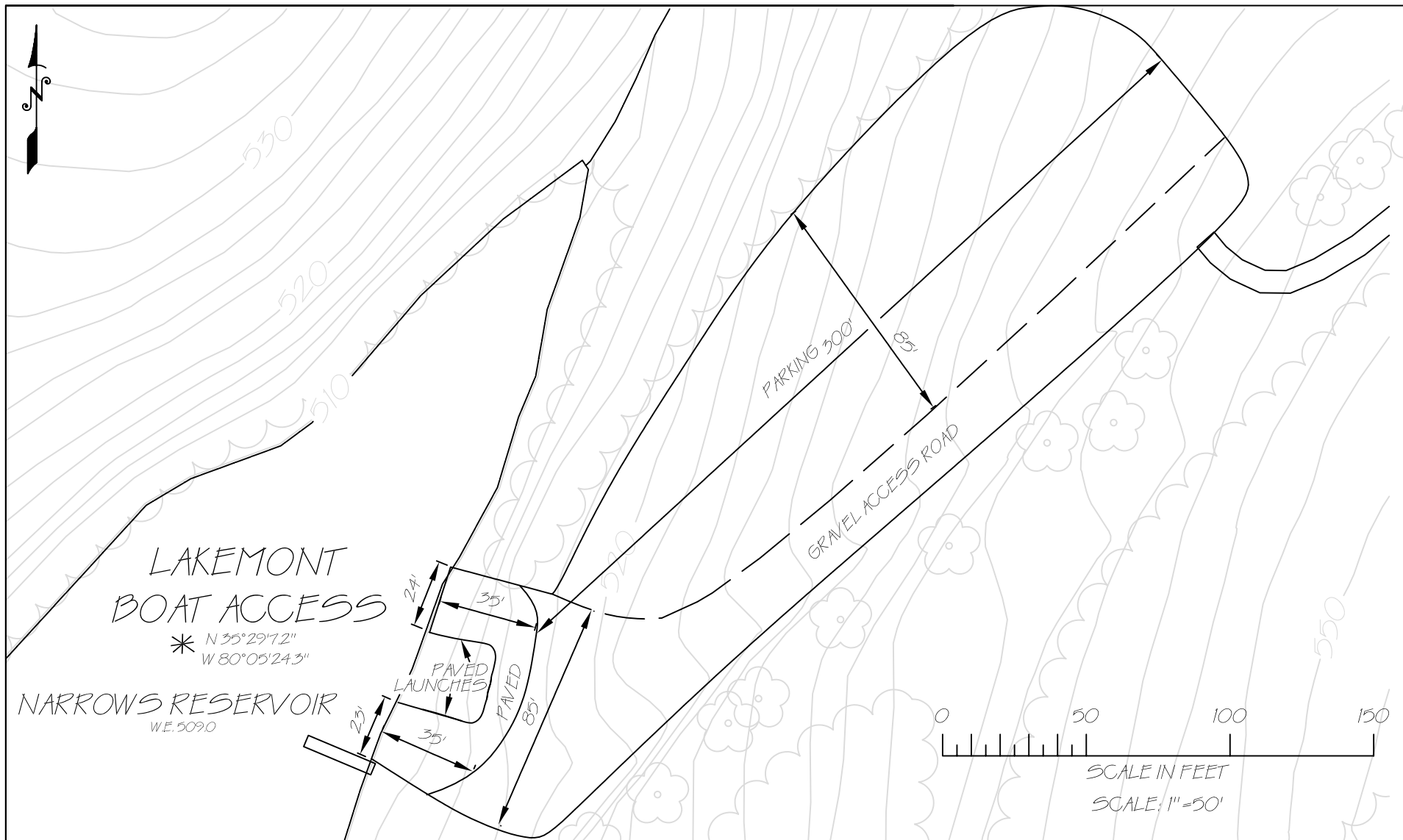
Age of Facilities: This area was constructed in 1955 by the NCWRC.

Plans to Upgrade, Expand, or Construct New Facilities: NCWRC plans to renovate this access area in 2004-2005. Plans include a two-lane boat ramp and a boat dock. The NCWRC also plans to improve parking and traffic flow. The access area will be barrier-free (p. communication Dean Barbee, October 11, 2004).

Observations of Operations, Maintenance, and Safety Issues: 1) No trash receptacles; litter observed. 2) No lighting.

Photographs: (1) Parking Area and (2) Boat Ramp at Lakemont Access Area





Alcoa Power Generating Inc.
Yadkin Division

LAKEMONT BOAT ACCESS AREA
NARROWS RESERVOIR - YADKIN RIVER

Date: 26 MARCH 04

File Name: N-16 Lakemont Access Area.dwg

Site Inventory:

An inventory of the recreational facilities available at the Lakemont Boat Access Area was conducted on September 3, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	Two single-lane concrete launch ramps	Both are approximately 24' wide	(N) Ramps are of questionable length, may need to be extended; need resurfacing,
Navigational/info buoy	One "Slow: No Wake" buoy and one sign		(G) buoy (R) sign
Fishing			
Shoreline access	Very limited shoreline access for bank fishing	N/A	
Vehicular Access			
Secondary gravel road	Access road off of Lakemont	Approximately 20' wide	(G)
Parking	Gravel parking area off of access road	Approximately 300' x 85'	(G)
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign (2) Danger, Overhead Electrical Lines (2) Boating Access Area Regulations (2) Keep Ramp Clear (2) Sport Fish Restoration (2) Littering is Illegal Special Black Bass Regulations Apply Special Crappie Regulations Apply Yadkin Pee Dee River Canoe Trail Access No Parking At Any Time Max. Fine \$200 For Littering Swimming, Fishing, or Sunbathing From Docks Prohibited 	8' x 4' 24" x 24" 18" x 24" 12" x 18" 12" x 18" 12" x 18" 18" x 12" 12" x 12" 18" x 24" 12" x 18" 2' x 2' 12" x 18"	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (2) Accessible No. (0)	No accessible pathway to boat ramps. No courtesy dock available.
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access Total no. (limited) Accessible No. (0')	Shoreline is not accessible (no accessible pathway). No fishing pads.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Gravel parking area. No designated spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.3.7 UNF Holt's Cabin Picnic Area

Reservoir: Narrows

Site Name: Holt's Cabin Picnic Area

Property Owner: U.S. Forest Service

Site Manager: U.S. Forest Service

Location: The Holt's Cabin Picnic Area is located on Narrows Reservoir off of U.S. Forest Service Road 597 in Montgomery County.

Description of Facilities and Primary Recreational Activities: Holt's Cabin Picnic Area has a shaded picnic area, shoreline fishing access, and a small parking area. Bank fishing and picnicking are the primary recreational activities at the Holt's Cabin Picnic Area.

Site Regulations: 1) No overnight camping

Availability of Facilities at Varying Water Levels: The facilities are not affected by fluctuating water levels.

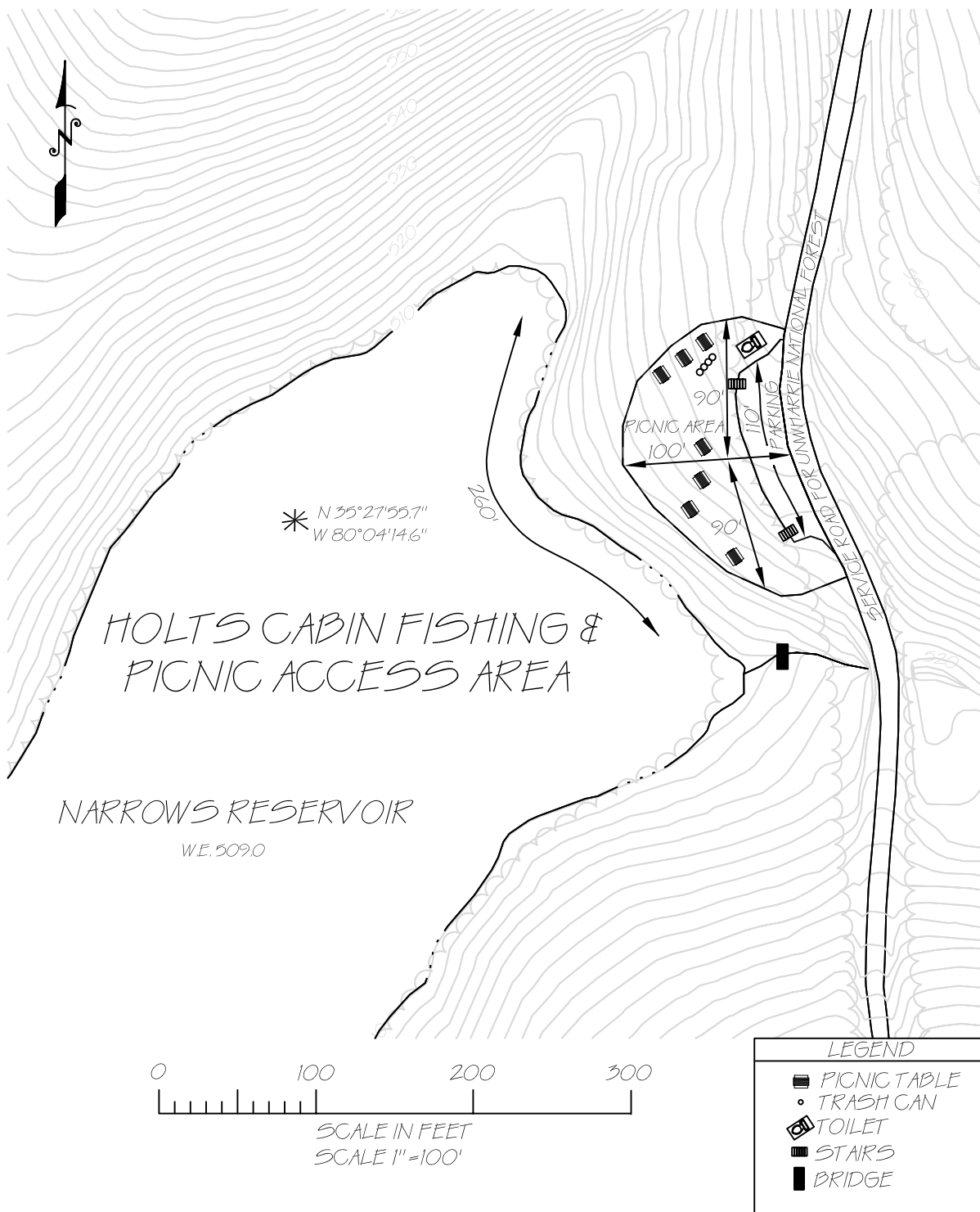
Age of Facilities: This area was constructed in 1995-96 and the bathroom facilities are approximately six years old.

Plans to Upgrade, Expand, or Construct New Facilities: Recommended improvements by USFS include decreasing the number of picnic tables, and adding concrete pads underneath the tables. Other recommended additions to the area include a retaining wall and a paved path. USFS also recommended replacing the bridges, significantly improving the parking area, and improving the shoreline fishing trail. Generally, the USFS recommends that the access area be redesigned in a highly developed manner. The USFS currently has no funds to make these upgrades.

Observations on Operations, Maintenance, and Safety Issues: According to the USFS, the area has been poorly planned and constructed in a difficult location (letter dated November 23, 2004).

Photographs: (1) Overview and (2) Damaged Bridge at UNF Holt's Cabin Picnic Area





Alcoa Power Generating Inc.
Yadkin Division

HOLT'S CABIN FISHING AND PICNIC ACCESS AREA
NARROWS RESERVOIR - YADKIN RIVER

Date: 26 March 04

File Name: N-24 (UNF Holt's Cabin Picnic Area).dwg

Site Inventory:

Inventories of the recreational facilities available at the Holt's Cabin Picnic Area were conducted with the USFS (David Wright) on November 19, 2003 and February 17, 2004.

Facility	Description	Dimensions	Condition
Boating			
Navigational/info buoys	2 buoys		(G)
Fishing			
Shoreline access	Bank fishing along shoreline adjacent to picnic area	Approximately 260'	(G)
Picnicking			
Picnic Tables	Seven wooden tables with concrete pads.	7' x 2.85' (tabletop) 7' x 1' (benches) 1' overhang	(G) (N) Pads need replacement
Shaded area	Shaded picnic area	180' x 100'	
Cooking grill	Seven pedestal grills	N/A	(N) Some are rusting, one is broken, several need replacement
Pedestrian Access			
Path to facilities	Two sets of stairs leading from parking to picnic area Two bridges on either side of picnic area	1) 3 steps (3.2' x 4' platform) 2) 4 steps (3.2' x 4' platform) 2.8' high railings	(G) (R) Missing railing on one of the bridges
Vehicular Access			
Parking	Pull-off gravel parking from USFS 597	110' x 30'	(M) Needs some additional gravel
Utility/Sanitary			
Toilet	Vault toilet		(N) Seat needs replacement
Toilet building	Stone toilet building with handrails	7' x 8.3' (outside) 5' x 6.5' (inside) 9' (height)	(G)
Trash receptacles	Wooden trash bin containing 4 receptacles	8' x 2', 3' high	(N) Needs replacement; obsolete
Signs			
Signs	<ul style="list-style-type: none"> UNF Holt's Cabin Sign NF Pack It In, Pack It Out No Camping Here <u>Signs on info Kiosk:</u> <ul style="list-style-type: none"> Welcome No Overnight Camping Sport Fish Restoration 		(G) (N) info kiosk is obsolete

	<ul style="list-style-type: none"> • USDA Maps for Sale • Closure Notices • Forest Fire Prevention • No Camping Here • OHV Temporary Closure • Prohibition of Fireworks • Alcoholic Beverage Restriction • USDA And Justice For All • Welcome To Your National Forest • Put It Out. Every Spark. Dead Out 		
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Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access Total no. (260') Accessible No. (0')	Shoreline is not accessible. No accessible pathway, difficult topography, stairs are a barrier.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (7) Accessible No. (0)	No accessible pathways to tables. Picnic tables are not on a firm, flat surface.
Access and Parking	
Access to facilities	No accessible pathways.

Parking Total No. Accessible No. Location:	Gravel parking area. Parking lot surface is not suitable for handicapped parking. No signed handicapped spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. (1) Accessible No. (0)	Toilet building is not along accessible pathway. Lip from gravel to concrete exceeds ADA standards.
Other Features	
Drinking Water	N/A
Trash receptacles (4)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	Accessible.

5.1.3.8 UNF King's Mountain Point Walk-in Fishing Pier

Reservoir: Narrows

Site Name: King's Mountain Point Walk-in Fishing Pier

Property Owner: APGI/U.S. Forest Service

Site Manager: USFS manages the recreation area, but the NCWRC is responsible for maintenance of the pier.

Location: The King's Mountain Point Walk-in Fishing Pier is located on Narrows Reservoir off of U.S. Forest Service Road 597A in Montgomery County.

Description of Facilities and Primary Recreational Activities: King Mountain Point has a small parking area, shoreline fishing access and a walk-in fishing pier. Bank and pier fishing are the primary recreational activities at the King's Mountain Point Fishing Pier. There is also some primitive camping at this area.

Site Regulations: 1) This area is closed to vehicles, but primitive camping is permitted.

Availability of Facilities at Varying Water Levels: The facilities are generally not affected by normal operating conditions.

Age of Facilities: This site was built in 1975 and the pier decking and railing was replaced in 2003.

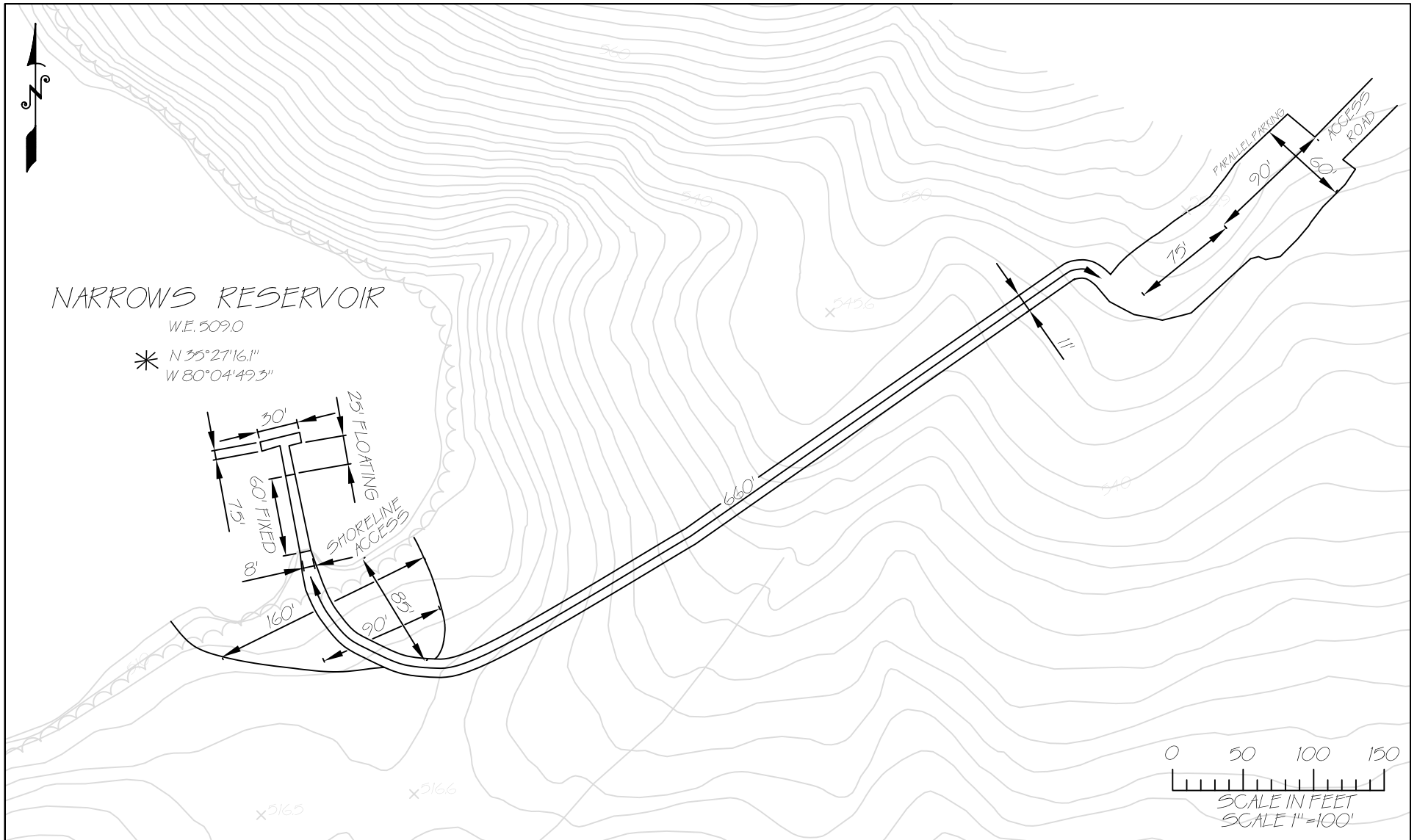
Plans to Upgrade, Expand, or Construct New Facilities: USFS has proposed new facilities that include two new vault toilets, a flush toilet, paved parking, water system, electrical power, a host site and three small accessible fishing platforms located along a hardened hiking trail. The project will raze the existing chemical toilets.¹

Observations of Operations, Maintenance, and Safety Issues: 1) Evidence of significant shoreline erosion. 2) No lighting.

¹ APGI issued the USFS a construction permit for the proposed improvements at King's Mountain Point on December 20, 2004.

Photographs: (1) Fishing Pier and (2) Fire Ring at UNF King's Mountain Point Walk-in Fishing Pier





Alcoa Power Generating Inc.
Yadkin Division

UNF WALK-IN FISHING PIER
NARROWS RESERVOIR

Site Inventory:

Inventories of the recreational facilities available at the King's Mountain Point Walk-in Fishing Pier were conducted with the USFS (David Wright) on November 19, 2003 and February 17, 2004.

Facility	Description	Dimensions	Condition
Boating			
Navigational/info buoy	1 "Danger" 1 "Danger, Underwater Cable"	N/A	(G)
Fishing			
Pier fishing	Stationary section with floating terminal (T-shaped)	60' x 8' (stationary) 25' x 8' (floating extension) 30' x 7.5' (terminal)	(G)
Shoreline access	Bank fishing along shoreline adjacent to fishing pier	Approximately 160'	(G)
Camping			
Primitive camping	Dispersed camping activity nearby	N/A	
Picnicking			
Grassy area	Cleared grassy area used for dispersed primitive camping, with several unimproved fire rings	90' x 85'	(G)
Pedestrian Access			
Path to facilities	Gravel path from gate to pier	660' long x 11' wide	(G) Generally good
Multi-Use Trail	Badin Hiking Trail nearby	N/A	(M) Shoreline erosion could potentially impact trail
Vehicular Access			
Parking	Parallel parking near gate at the end of USFS 597A on either side	Approximately 165' x 65' (total area including 597A)	(G)
Utility/Sanitary			
Toilet	Two chemical toilets located on the ridge above the pier	N/A	Not Available
Signs			
Signs	<u>Informational Kiosk:</u> <ul style="list-style-type: none"> Area closures UNF rules-welcome to your National Forest 		(R) Obsolete; falling apart; cork missing

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (1) Accessible No. (0)	No accessible pathway to pier. Handrails on pier are 3.5'. Pier is a floating pier and consequently does not have a stable walking surface.
Shoreline fishing access Total no. (160') Accessible No. (0')	Shoreline is not accessible (no accessible pathways). No fishing pads along shoreline.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	Gravel pathway from parking area.
Parking Total No. Accessible No. Location:	Gravel parking area. No designated spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles	N/A
Information/interpretive displays	N/A

5.1.3.9 UNF Badin Lake Campground

The Badin Lake Campground is located at the end of USFS Road 597A in Montgomery County in the Uwharrie National Forest. The campground is currently being reconstructed and it is anticipated that construction will be completed in the spring of 2005. Because of reconstruction, a complete inventory could not be conducted. The campground has two loops: an Upper Loop and a Lower Loop. Reconstruction of the Upper Loop is nearly finished. It has 13 campsites, including one double site. Each site has a picnic table, a fire ring/grill, two lantern poles and a tent pad. There is also one trash dumpster and a pay station at the Upper Loop.

The Lower Loop is currently under construction and will have 21 sites including two double sites and a host site. Like the Upper Loop, each site at the Lower Loop will include a picnic table, a fire ring/grill, two lantern poles, and a tent pad. It is also planned that at least two of the sites will be fully accessible. There are not or will not be any electrical hookups at any of the sites except the host site. Currently there are two toilets for the entire campsite. Upon completion of reconstruction, these toilets will be replaced with three new bathhouses (toilets and showers) and a new water and septic system. The toilets, hydrants, and trash receptacles will also be accessible upon completion of reconstruction.

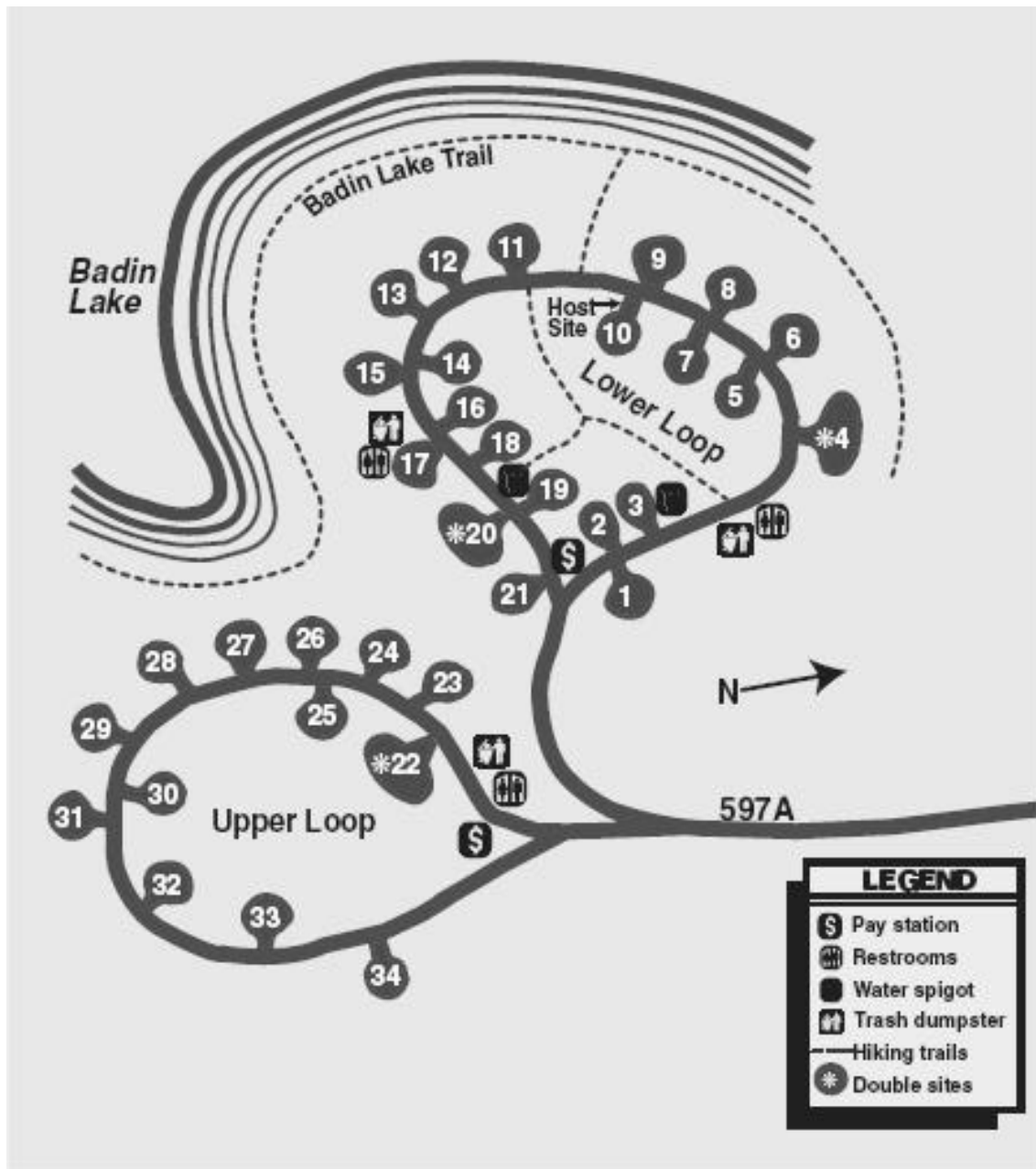
A single camping site costs \$8.00 per night and double sites are \$16.00 per night. Reservations can be made by phone or internet but are not required.

The campground is directly adjacent to Narrows Reservoir and provides access to the Badin Lake Hiking Trail (see Section 5.1.3.13). The shoreline in this area is significantly eroded and has nearly removed parts of the trail near the campground. The campground is also included as part of the Yadkin-Pee Dee River Trail.

Photograph: Camping Site at Badin Lake Campground. (Courtesy of Uwharrie National Forest)



Figure 5-2: Site Layout of Badin Lake Campground



5.1.3.10 Badin Lake Group Camp

The Badin Lake Group Camp is located off USFS Road 597A in Montgomery County in the Uwharrie National Forest adjacent to the Badin Lake Campground. Developed for use by clubs, families and other groups, the campground has three separate areas each with tables, grills and tent pads. The site inventory also includes 4 water spigots, 2 vault toilets, one trash bin containing four receptacles, an information board, and a well house. Specifically, there is a Site A, Site B, and Site C.

Site A has 5 tent pads, 3 picnic tables, 3 grills, 2 log benches, and 5 lantern poles. None of the facilities at Site A are barrier-free. The ground surface is uneven (rocks, roots, etc.), there are no accessible pathways, the picnic tables and grills are not accessible, and wooden borders prevent access to the tent pads. According to the USFS, the entire site needs to be reconstructed.

Site B has 5 tent pads, 3 picnic tables, 3 grills, 3 log benches, and 5 lantern poles and is also inaccessible due to the same reasons listed for Site A.

Site C has 5 tent pads, 3 picnic tables, 2 grills, 6 log benches, and 4 lantern poles. Except for grill accessibility, the facilities at Site C is inaccessible. Site C needs to be regraded and regaveled.

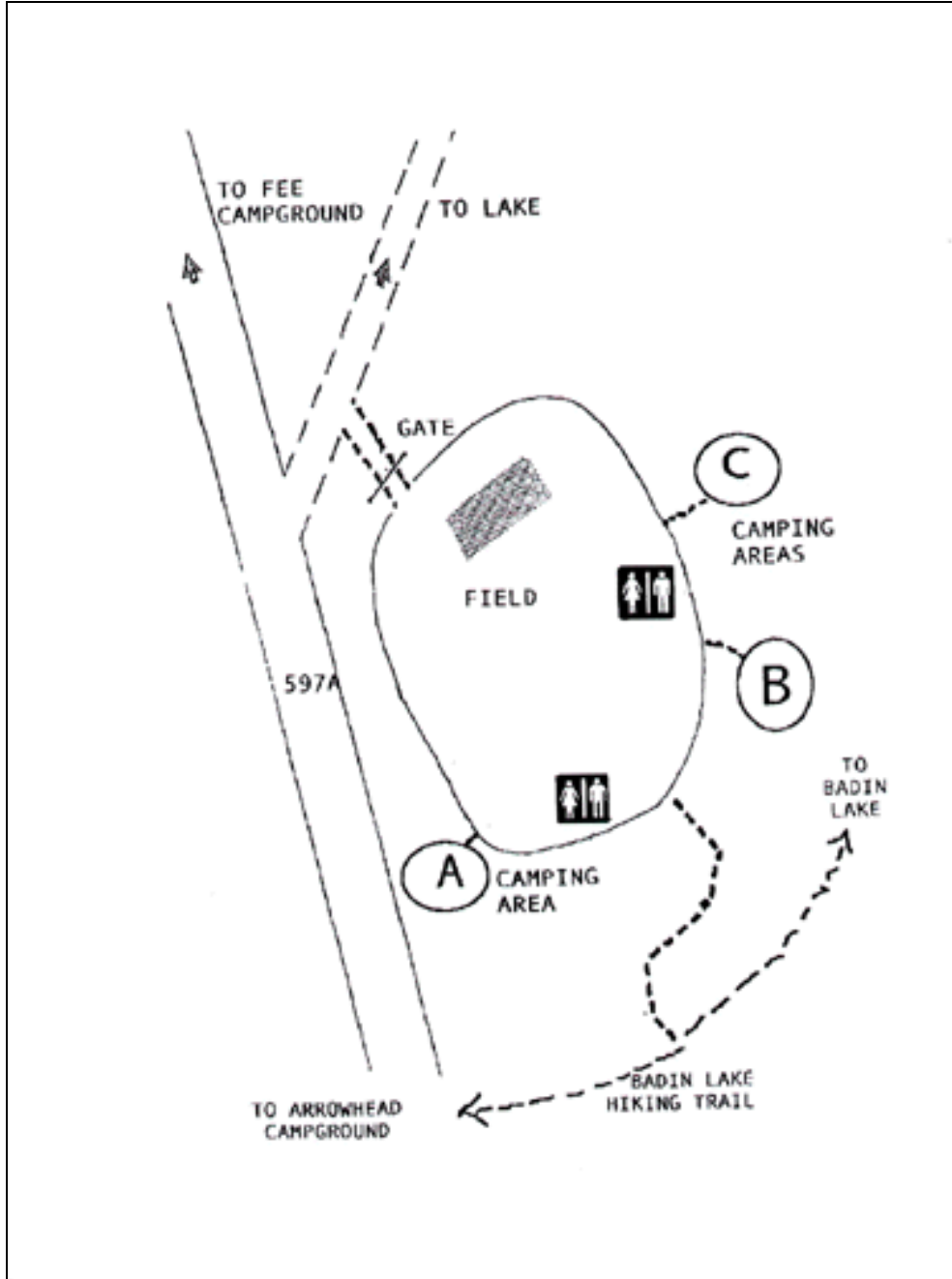
A \$40.00 fee is charged per site per night. Reservations must be made prior to camping in this area.

Other facilities include four water spigots, one in close proximity to each group site, and one adjacent to the information board. The spigot at Site A is inaccessible, the spigot at Site B has a broken grate and is unable to drain due to an infill of dirt, and the spigot at Site C needs replacement due because it has a broken grate and is non-functioning. The remaining spigot is in good condition. Also available are two vault toilets. The first (near Site A) is in good condition, but lacks an accessible pathway to make it accessible. The second toilet (between Sites B and C) needs a door spring replaced and is missing a door plate. It also lacks an accessible pathway. The well house needs a vent replaced and the trash bin is inaccessible.

Photographs: (1) Camping Site and (2) Overview of UNF Badin Lake Group Camp. (Courtesy of Uwharrie National Forest)



Figure 5-3: Site Layout of the Badin Lake Group Camp



5.1.3.11 UNF Arrowhead Campground

Reservoir: Narrows

Site Name: Arrowhead Campground

Property Owner: U.S. Forest Service

Site Manager: U.S. Forest Service

Location: Arrowhead Campground is located off of U.S. Forest Service Road 597B in the Uwharrie National Forest in Montgomery County.

Description of Facilities and Primary Recreational Activities: Arrowhead Campground is a large campground with 50 hardened campsites with a large bathhouse that provides numerous amenities. Camping is the primary recreational activity at Arrowhead Campground.

Site Regulations: Costs of campsites per night are as follows: \$15.00 per night (with electrical hookups), \$30.00 (doubles with hookups), \$12.00 (no hookups), \$24.00 (doubles without hookups). Reservations can be made by phone or internet but are not required.

Availability of Facilities at Varying Water Levels: The campground is generally unaffected by reservoir levels.

Age of Facilities: This site was constructed in 1997.

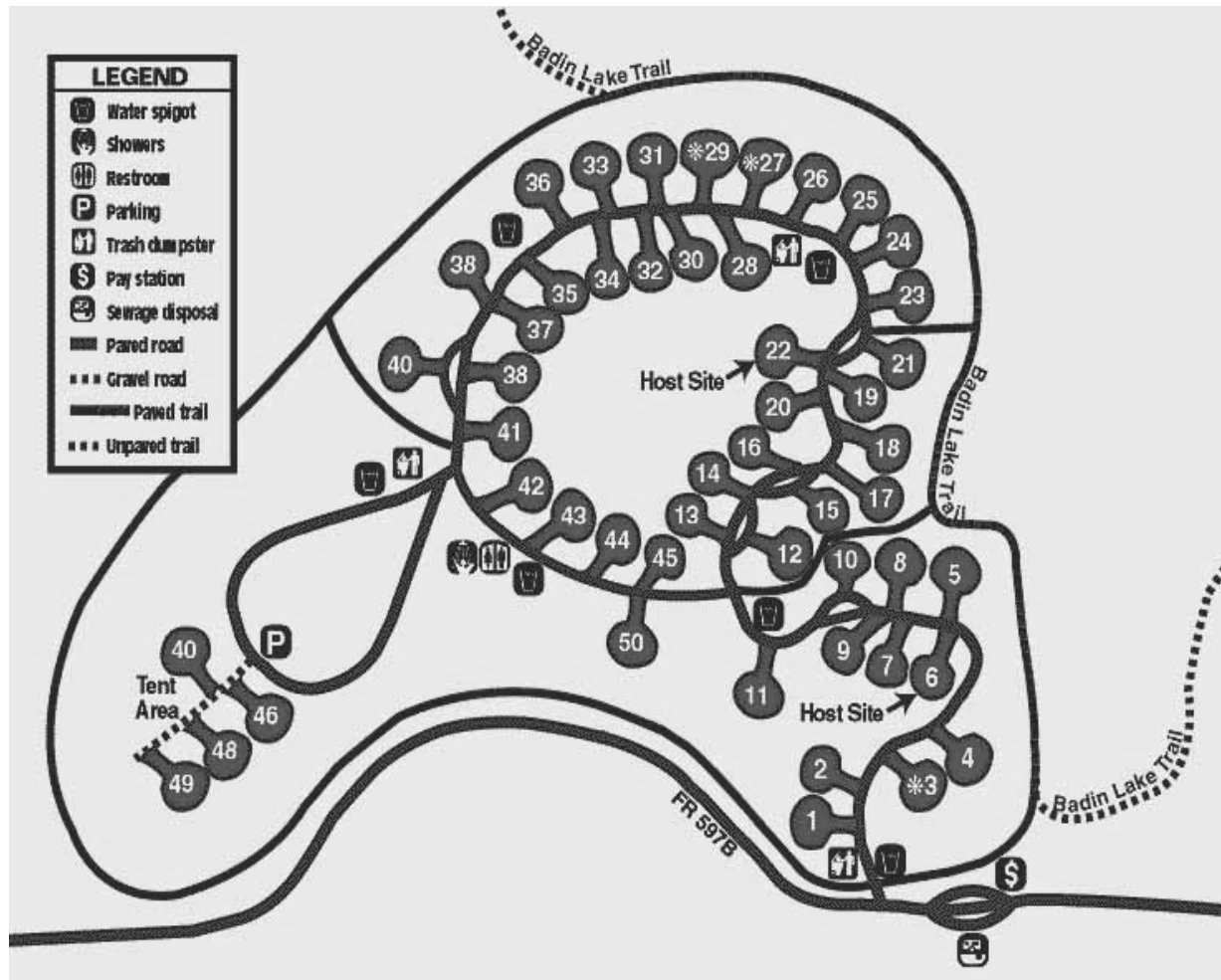
Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: None identified.

Photographs: (1) Bathhouse and (2) Camping Site at UNF Arrowhead Campground. (Courtesy of Uwharrie National Forest)



Figure 5-4: Site Layout of Arrowhead Campground



Site Inventory:

An inventory of the recreational facilities available at the UNF Arrowhead Campground was conducted with the USFS (David Wright) on February 17, 2004.

Facility	Description	Dimensions	Condition
Camping			
Pay station	Self-serve pat station located at entrance gate		(G)
Campsite	Fifty total hardened campsites. Of the 50, There are 3 double sites, 33 sites with electrical hookups, 17 sites without hookups and five sites in the "tent area."		(G) Generally good; see specific facilities below
Picnic tables	There is one picnic table at each site (2 at each double site) and one picnic table at the bathhouse.		(G)
Fire ring/grill	There is one fire ring and one grill at each campsite (double sites have two).		(G) Generally good. Grills are all in good condition. Fire rings at Sites 30 and 39 need repair (R), and fire ring at Site 49 needs replacement (N).
Lantern pole	There is one lantern pole at each campsite.		(G)
Living space	This area varies in size and is generally considered the campsite area as a whole.		(R) Twenty-three of 50 living spaces need repair (Sites 5, 8, 10, 12-13, 15, 17-19, 21, 28, 30, 32-34, 36, 38-39, and 46-50) due to two recurring problems: retaining walls being pulled apart and the need for additional backfill.
Utility hookup	There are 36 utility (electrical) hookups. One at each of 30 sites, and two at each double site.		(G)
Parking space	There is one parking space at each of 46 sites and a general parking area for the four sites of the tent area.		(G)
Site ID post	There is one ID post for		(G) Generally good.

	each of 50 campsites.		ID posts at Sites 26 and 34 need repair (R) and posts at Sites 47-48 need replacement (N).
Day Use/Picnicking			
Shelter/pavilion	One large bathhouse for entire campground including bathrooms, bike station, information board, and laundry room (see Utility/Sanitary for more details)		(G)
Picnic table	One picnic table at bathhouse		(G)
Pedestrian Access			
Multi-use trail	Paved bicycle/walking path that loops the campground	0.75 miles long	(G)
Path to facilities	One gravel pathway from small parking area to tent area One larger paved pathway leading from general campsite area to bathhouse	3' wide	(R) Needs finer gravel material or paving (R) Needs resurfacing (cracks, sinkholes)
Vehicular Access			
Parking	46 parking spaces at individual campsites, one small parking area for 4 tent area sites		(G)
Utility/Sanitary			
Toilet	Three flush toilet stalls (1 accessible) and 2 flush urinals in men's bathroom at bathhouse Five flush toilet stalls (1 accessible) in women's bathroom at bathhouse One flush toilet at private/family bathroom		(G)
Sinks	Five sinks in (1 accessible) in the men's and women's bathroom		(G)
Showers	Three stalls (1 accessible) in the men's and women's bathroom		(G)
Hand dryers	Three hand dryers in men's and women's bathroom		(G)
Electrical outlets	Two in each bathroom		(G)
Baby changing station	One in each bathroom		(G)
Drinking water	Five water faucets located around the reservoir		(G)

Disposal station	One dump station is located at the campground exit		(G)
Trash deposit	Three trash deposit stations/dumpsters within the campground		(G)
Trash receptacles	Two receptacles are located in each bathroom		(G)
Telephone	One pay telephone at the bathhouse		(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. Accessible No.	N/A
Shoreline fishing access Total No. Accessible No.	N/A
Camping	
Campground (group, developed, primitive) Total No. (50) Accessible No. (0)	Campsites are generally not accessible due to 12' width of parking space spur (needs to be 16' wide). Picnic tables and grill/ fire rings at each site are generally inaccessible, as are the lantern poles. Also, there insufficient living space for accessibility. Tent camping sites have no tent pads and are inaccessible.
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (~50) Accessible No. (0)	Not along accessible pathway, nor do they have sufficient overhang (19").
Access and Parking	
Access to facilities	
Parking Total No. (~50) Accessible No. (0) Location:	No designated spaces and insufficient width.
Sanitary Facilities	
Toilet and shower facilities Total No. (17)	There is one accessible toilet and one accessible shower located in each bathroom (men's and women's).

Accessible No. (4)	
Sinks Total No. (10) Accessible No. (2)	There is one accessible sink in each bathroom (men's and women's).
Other Features	
Drinking Water (5)	Not accessible. Not along accessible pathway or access prevented by curb.
Trash receptacles (3)	The trash cans in each restroom are accessible (2 total) but the dump station is not (too high).
Information/interpretive displays	

5.1.3.12 UNF Cove Boat Landing

The Cove Boat Landing is located at the U.S. Forest Service Road 597B in the Uwharrie National Forest in Montgomery County. This site is owned and maintained by the U.S. Forest Service. The Cove Boat Landing was inventoried with the USFS (David Wright) on November 11, 2003 and February 17, 2004.

The Cove Boat Landing has been closed since September 3, 2003 for renovations and is expected to be completed and reopened in summer 2004. Because of reconstruction a complete inventory could not be conducted. The reconstruction will include a two-unit toilet, a paved 23 vehicle parking lot (with one designated accessible space), and barrier-free paved walkway to a new courtesy dock and single-lane paved launch ramp, a paved access road, an information board, and trash receptacles. Currently, there is a picnic area adjacent to the water-based facilities and it is unclear whether this area will remain upon reopening. The Cove Boat Landing is included as part of the Yadkin-Pee Dee River Trail.

Photographs: Cove Boat Landing Under Construction in February 2004



5.1.3.13 UNF Badin Lake Hiking Trail

The Badin Lake Hiking Trail is a 5.6 mile loop trail that follows the Narrows Reservoir shoreline and then continues through the Uwharrie National Forest in Montgomery County. The trail was constructed by the Youth Conservation Corps in 1979 and 1980. The official trailhead is at the Cove Boat landing but the trail is also accessible from other public recreation areas in the UNF such as Badin Lake Campground, Badin Lake Group Camp and Arrowhead Campground. Starting from Cove Boat Landing, the trail can be shortened to a 2.5-mile loop with approximately 0.75 miles adjacent to the shoreline. The longer 5.6-mile loop runs adjacent to the shoreline for approximately 3.5 miles of the entire distance. The trail can become boggy in several stretches during high water and the trail is also encroached upon in several stretches by erosion. In addition to hiking, the trail is used for shoreline fishing access and primitive camping.

Photographs: (1) and (2) Erosion on the Badin Lake Hiking Trail Near Badin Lake Campground



Figure 5-5: Location Map of Badin Lake Hiking Trail



5.1.3.14 Palmerville Access Area

Reservoir: Narrows

Site Name: Palmerville Access Area

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Palmerville Access Area is located at the end of Palmerville Road, State Route 1566, on Narrows Reservoir in Stanly County, North Carolina.

Description of Facilities and Primary Recreational Activities: Palmerville Access Area consists of a small picnic area, a gravel boat ramp, and limited parking areas. The primary recreational activities at the Palmerville Access Area are motorized boat launching, water-skiing, and fishing. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) No swimming.

Availability of Facilities at Varying Water Levels: Facilities are generally unaffected by reservoir fluctuations.

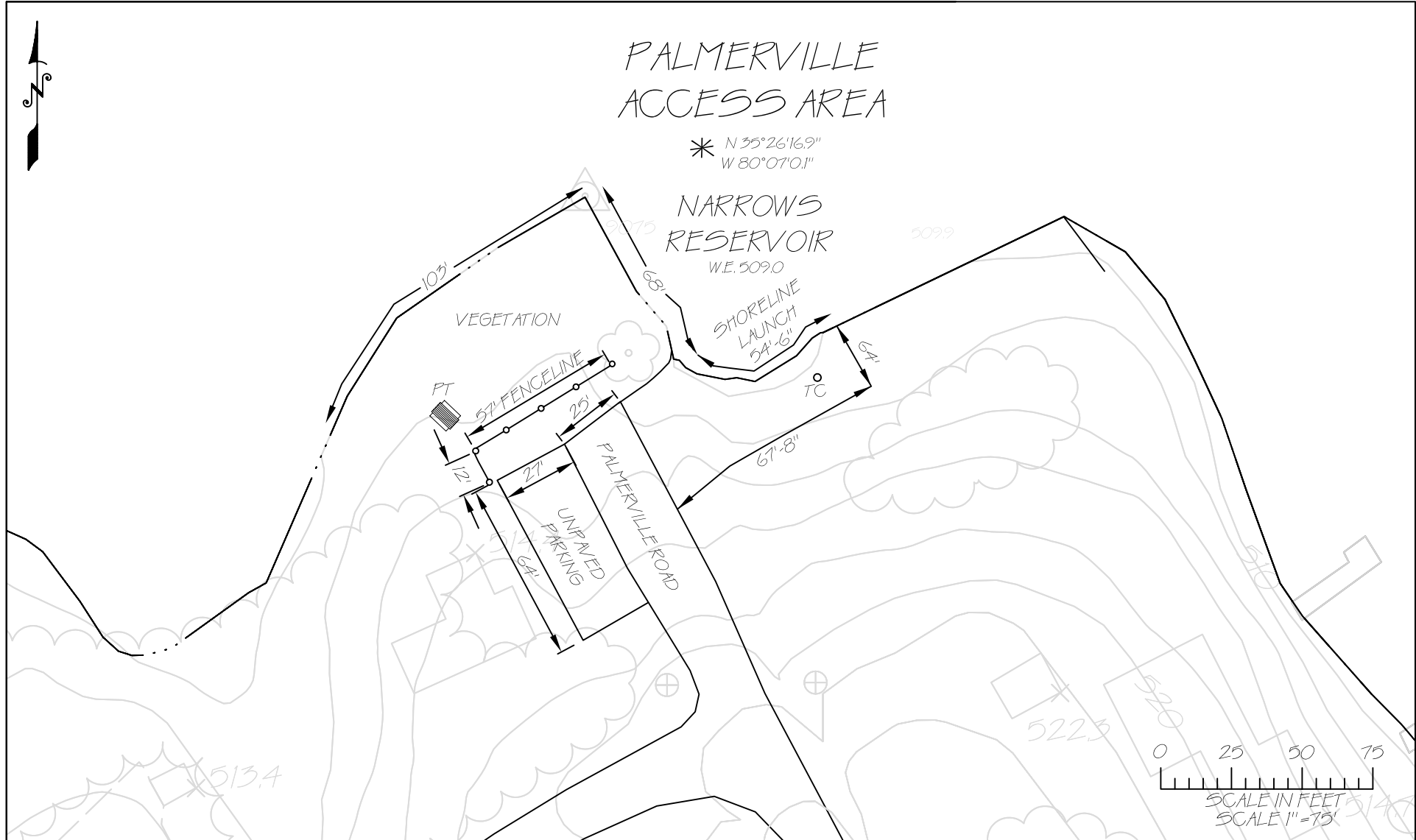
Age of Facilities: Unknown.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) No designated parking area.
2) No lighting.

Photographs: (1) Overview and (2) Picnic Table at Palmerville Access Area





Alcoa Power Generating Inc.
Yadkin Division

PALMERVILLE ACCESS AREA
NARROWS RESERVOIR

Site Inventory:

An inventory of the recreational facilities available at the Palmerville Access was conducted on August 26, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	One gravel boat ramp	Approximately 35' of shoreline	(M) Needs gravel
Navigational/info buoys	Two "Slow: No Wake" buoys	N/A	(G)
Fishing			
Unimproved access to the shoreline	Bank fishing	Approximately 100'	(G)
Picnicking			
Picnic table	One wooden table	8' x 2.5' (tabletop) 33" (height) 14" (overhang)	(M) Rails need hammered down
Grass area	Small open field adjacent to access area	Approximately 60' x 70'	(M) Tall grass
Vehicular Access			
Parking	No designated parking area. Palmerville dead ends.	N/A	(R) Needs to be clearly delineated and improved
Utility/Sanitary			
Trash receptacles	One metal trash receptacle mounted on two 4 x 4s	N/A	(G)
Signs			
Signs	Caution: No Swimming, Boat Launch Area (2)	2' x 2'	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	No accessible pathway to boat ramp. Unimproved boat ramp.
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (100') Accessible No. (0')	Shoreline not accessible (no accessible pathways).
Camping	
Campground (group, developed, primitive) Total No.	N/A

Accessible No.	
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (1) Accessible No. (0)	Not along accessible pathway.
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	No designated parking.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (1)	The trash receptacle is not along an accessible pathway.
Information/interpretive displays	N/A

5.1.3.15 Badin Lake Swim and Picnic Area

Reservoir: Narrows

Site Name: Badin Lake Swim and Picnic Area

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Badin Lake Swim and Picnic Area is Located off of Highway 740 in Badin, North Carolina (Stanly County).

Description of Facilities and Primary Recreational Activities: Badin Lake Swim and Picnic Area has a swim beach, picnic areas, shoreline fishing access, and a large parking area. Swimming and picnicking are the primary recreational activities at the. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Yadkin's "public use rules" 2) Fishing in swim area prohibited 3) Swimming area open May 15 – September 15.

Availability of Facilities at Varying Water Levels: This area is generally unaffected by fluctuations in reservoir levels. Changes in the size of the swimming area are proportional to changes in reservoir levels.

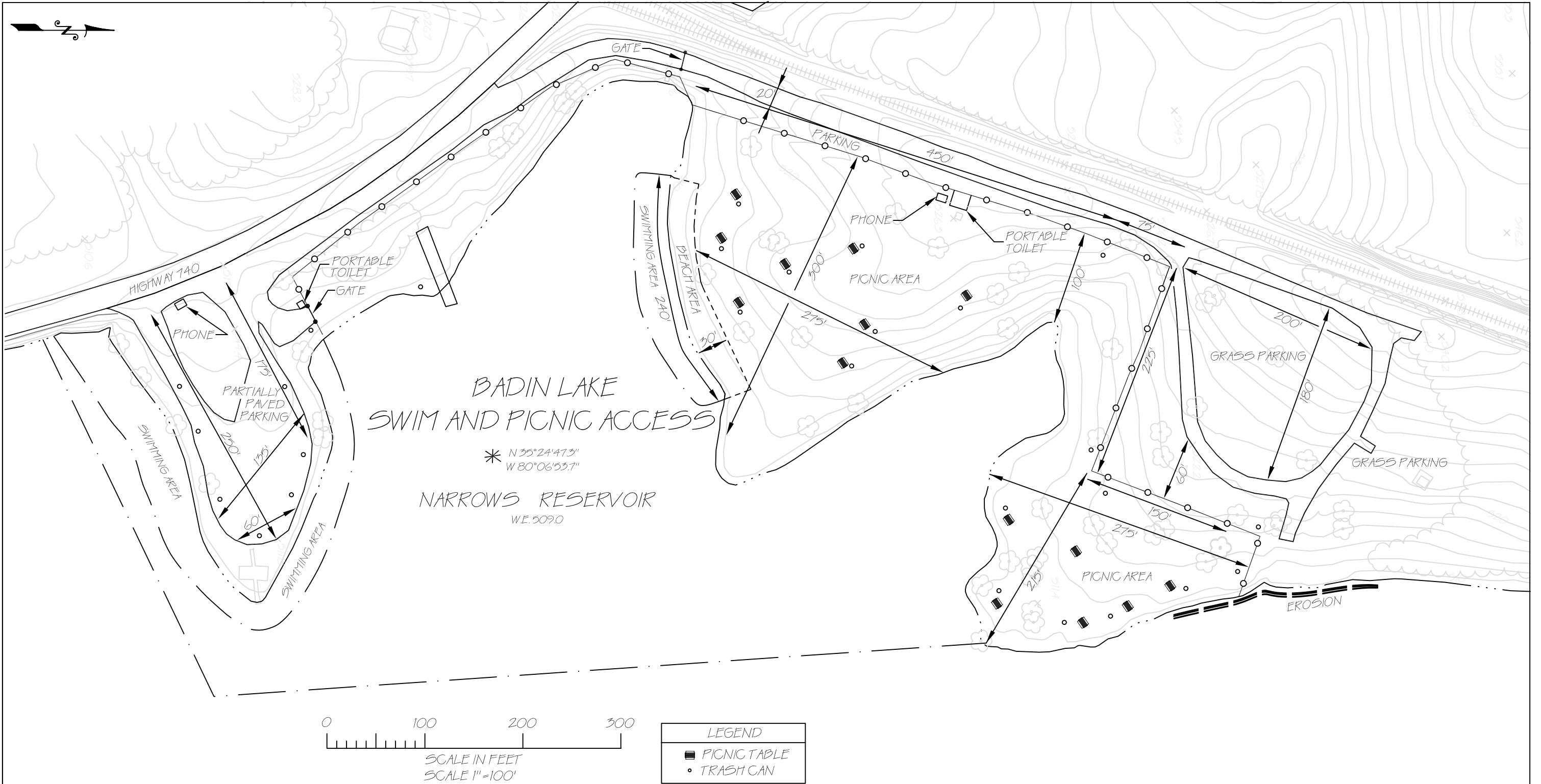
Age of Facilities: This area was constructed by Yadkin in 1976.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) Evidence of some shoreline erosion along the bank 2) Possible pedestrian/vehicle interactions along secondary gravel road 3) No lighting.

Photographs: (1) Designated Swim Area and (2) Shoreline Erosion Near Picnic Area at Badin Lake Swim and Picnic Area





Alcoa Power Generating Inc.
Yadkin Division

BADIN SWIM AND PICNIC ACCESS AREA
NARROWS RESERVOIR - YADKIN RIVER

Site Inventory:

An inventory of the recreational facilities available at the Badin Lake Swim and Picnic Area was conducted on February 16, 2004.

Facility	Description	Dimensions	Condition
Fishing			
Unimproved access to the shoreline	Used for bank fishing	850' total	(G) Generally good, some erosion along shoreline
Day use/Picnicking			
Picnic table	Fifteen picnic tables (7 concrete, 8 aluminum) Aluminum tables are on a concrete slab	Concrete: 6' x 2.95' (tabletop) 6' x 2.5' (benches) 1' (overhang) Aluminum: 8' x 2.5' (top) 8' x 0.8' (benches) 0.95' (overhang)	(G) Generally good
Shade trees/grass area	Two main picnicking areas	300' x 225' 275' x 215'	(G)
Swimming			
Designated swim area	Two buoyed areas		(G)
Swimming beach	One gravel swimming beach	240' X 30'	(G)
Safety equipment	Three sets of rescue equipment (life rings)		
Vehicular Access			
Secondary gravel road	Access road to picnic areas from Highway 740	Approximately 600' x 20'	(G)
Parking	One main paved area off of Highway 740	250' x 135'	(G)
	Two gravel parking areas of gravel access road	450' x 50' 150' x 60'	(G) (G)
	One overflow grass area	200' x 180'	(G)
Utility/Sanitary			
Trash receptacles	31 receptacles (2 metal and 29 plastic) mounted on two 4x4s		(G)
Toilet	Four portable toilets in two wooden screens		(G) Generally good; One screen has broken boards and needs replacement
Telephone	Two pay telephones		(G)
Signs			
Signs	<ul style="list-style-type: none"> Yadkin welcome (3) Public Use Rules (31-English, 27-Spanish) Swimming Area Closed and Rules (2 signs; 15-English, 	8' x 4' 3' x 3' N/A	(G)

	<ul style="list-style-type: none"> 15-Spanish Fishing in Swim Area Prohibited (6-English, 6-Spanish) Badin public Swim Area (6) Rescue Equipment, For Emergency Use Only (6-English, 6-Spanish) No Swimming In This Area, Swim Only In Buoyed Area (26-English, 26-Spanish) Speed Limit Posted: No Vehicle Traffic Beyond This Point No Lifeguard On Duty, Swim At Your Own Risk (18) 	N/A N/A N/A N/A N/A 3' x 3' 24" x 16"	
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Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. Accessible No.	N/A
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (850') Accessible No. (0')	No accessible pathways along the shoreline. No fishing pads.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. (2) Accessible No.	No accessible pathways to swim area. No accessible entry into swim area.
Sand Beach Total No. (1) Accessible No.(0)	No accessible pathways along beach.
Picnicking	
Picnic tables Total No. (15)	Not along accessible pathway, overhangs are less than 1 foot (need to be 19").

Accessible No. (0)	
Access and Parking	
Access to facilities	No accessible pathways.
Parking Total No. Accessible No. Location:	Paved, gravel, and grass parking areas. No handicapped parking spaces .
Sanitary Facilities	
Toilet and shower facilities Total No. (4) Accessible No. (0)	Not along accessible pathway. Toilet facilities are not accessible.
Other Features	
Drinking Water	N/A
Trash receptacles (31)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.3.16 Badin Lake Boat Access Area

Reservoir: Narrows

Site Name: Badin Lake Boat Access Area

Property Owner: APCI, Yadkin Division

Site Manager: APCI, Yadkin Division

Location: The Badin Lake Boat Access is located off of Highway 740, in Badin, North Carolina (Stanly County).

Description of Facilities and Primary Recreational Activities: The Badin Lake Boat Access has a boat ramp, two boat docks, picnic areas, shoreline fishing access, and a large parking lot. Motorized boat launching, picnicking, and bank fishing are the primary recreational activities at the Badin Lake Boat Access. This area is included as part of the Yadkin-Pee Dee River Trail.

Site Regulations: 1) Yadkin's "public use rules." 2) No swimming in boat launch area.

Availability of Facilities at Varying Water Levels: The maximum water depth at the end of the launch ramp during normal full-pool reservoir levels is 8.82 feet, generally keeping the ramp usable during normal operating conditions.

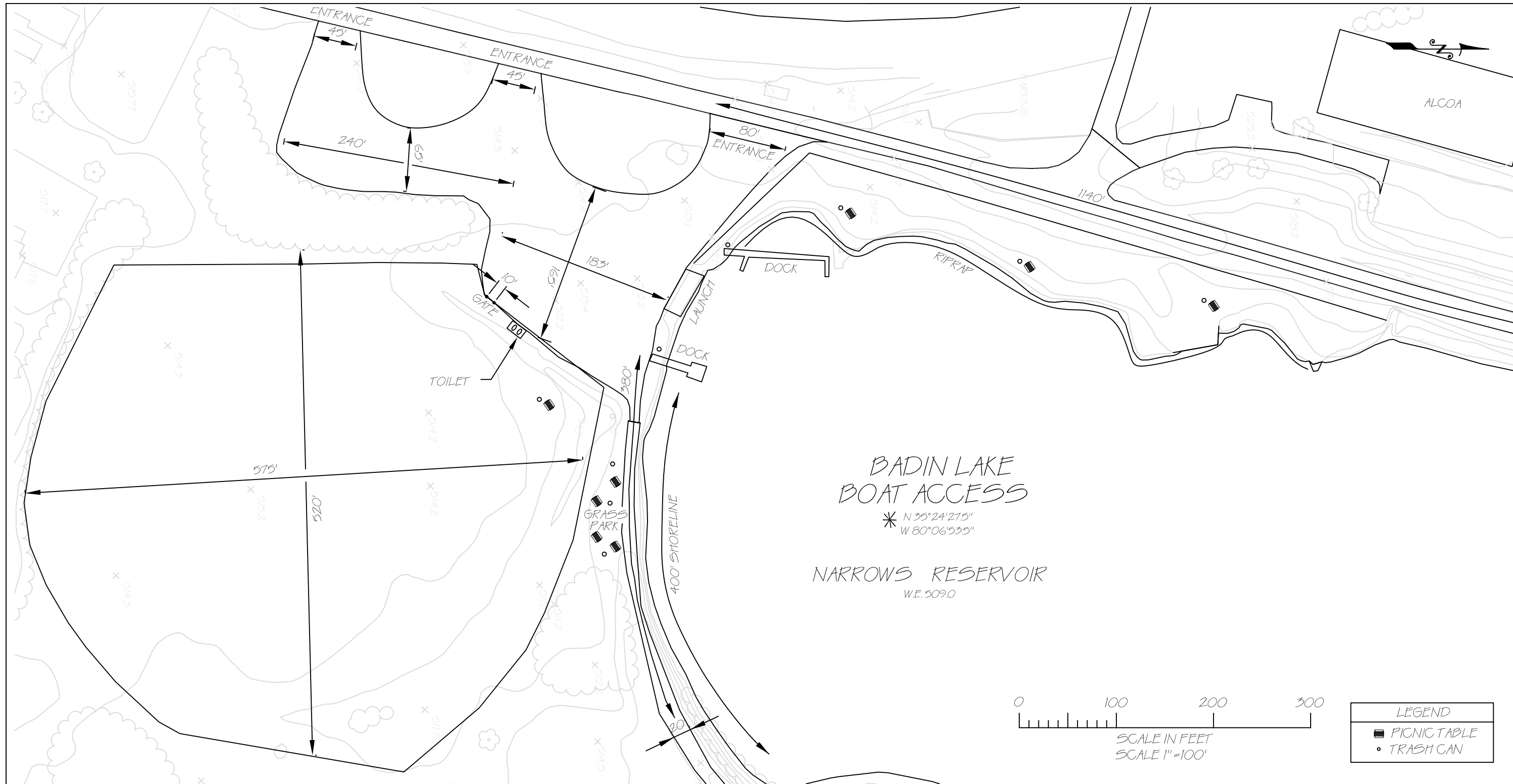
Age of Facilities: This area was constructed by Yadkin in 1974.

Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: None identified.

Photographs: (1) Floating Dock Facility and (2) Boat Launch Ramp and Fixed Dock at Badin Lake Boat Access





Alcoa Power Generating Inc.
Yadkin Division

BADIN BOAT ACCESS
NARROWS RESERVOIR - YADKIN RIVER

Date: 26 March 04

File Name: N-30 Badin Boat Access.dwg

Site Inventory:

An inventory of the recreational facilities available at the Badin Lake Boat Access was conducted on February 3-4, 2004.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	One triple lane concrete ramp	47' wide x 33' long	(G)
Boat docks (2)	One floating wooden dock	20' x 8' (ramp) 16' x 16' (terminal)	(G)
	One fixed wooden dock (F-shaped)	110' x 4' (main walk) 16' x 4' (two projections)	(G)
Fishing			
Shoreline access	Bank fishing along shoreline	More than 1000' along Highway 740 Approximately 400' on opposite side of ramp	(G)
Day Use/Picnicking			
Picnic Table	Nine picnic tables (5 aluminum, 2 concrete, 2 wooden) Seven have concrete pads	Metal/wooden: 7.5' x 2.4' (tabletop) 7.5' x 0.8' (benches) Concrete: 6' x 3' (top) 6' x 0.9' (benches) Pads: 8' x 6'	(G)
Shade trees/grass area	One large grass field	~575' x 520'	(G)
	One long grassy bank fishing/picnic area	~1140' x 15'-80'	(G)
	One shaded picnic area	~140' x 100'	(G)
Pedestrian Access			
Path to Facilities	Two paved pathways to docks	20' x 8' 24' x 4'	(G)
Parking	Two large parking areas (connected)	165' x 185' and 65' x 240'	(G)
	Two small pull-off areas	35' x 12'	(G)
	along Highway 740	50' x 12'	(G)
Utility/Sanitary			
Trash receptacles	Twelve plastic receptacles mounted on two 4x4s	N/A	(G)
Toilet	Two portable toilets enclosed in a wooden screen	N/A	(G)
Lighting	Two downward facing lamps	N/A	
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign (1) No Swimming In This Area (4) High Voltage, Keep Away (2) 	8' x 4' N/A N/A	(G)

	<ul style="list-style-type: none"> • Caution: No Swimming, Boat Launch Area (2) • Public Use Rules • Yadkin Pee Dee River Canoe Access Trail • Boat dock sign (2) • Danger: Overhead Electrical Lines • Truckers: Alcoa Monitors Channel 3 • Alcoa Truck Delivery and Holding Area (2) 	N/A 3' x 3' 18" x 24" 2' x 2' 2' x 2' N/A N/A	
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Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	Not accessible. No accessible pathway from parking lot to ramp. Gravel parking lot.
Boat dock Total No. (2) Accessible No. (0)	"F-shaped" dock is in accessible due to insufficient width (4'). The floating dock is nearly accessible; however it needs an accessible pathway, transition plates, and open spaces in the curb.
Pier/dock fishing Total No. (0) Accessible No. (0)	N/A
Shoreline fishing access Total no. (~1500') Accessible No. (0')	Shoreline not accessible (no accessible pathways).
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. (7) Accessible No. (0)	Not along accessible pathway. The picnic tables are on a firm, flat surface (concrete slabs), but there is no transition onto the surface and there is not adequate clearance around the tables. The table overhang is not 19 inches.
Access and Parking	
Access to facilities	Accessible pathways leading into boat docks; however, no accessible pathways from parking area.
Parking Total No.	Gravel parking areas. No marked spaces

Accessible No. Location:	
Sanitary Facilities	
Toilet and shower facilities Total No. (2) Accessible No. (0)	Not along accessible pathways.
Other Features	
Drinking Water	N/A
Trash receptacles (12)	The trash receptacles are not along an accessible pathway.
Information/interpretive displays	N/A

5.1.3.17 Narrows Dam Canoe Portage

The Narrows Dam Canoe Portage Trail is located on the west side (Stanly County) of Narrows Dam. From the takeout, the trail follows a narrow incline for about 300 feet. The trail then follows the gravel dam access road until it reaches the dam (about 200 feet). The trail then ascends; at first it is through a narrow, grassy path and then it reaches an old railroad bed (wide, even terrain) and continues a moderate ascent. The trail then descends through a steep, wide, path covered with leaf litter. The trail then reaches the gravel powerhouse access road and follows it down to the employee parking area. At the parking lot, the trail leads behind a fence (very narrow) and descends to an excellent wide path towards reservoir's edge. At the reservoir, the trail leads across a large concrete foundation (old French powerhouse) to put-in. The trail is clearly marked throughout by orange blazes. The trail is often very narrow, and although there were no maintenance issues on the inventory date, the growing season may create passage problems. Total trail distance is about 0.75 miles.

Signs at takeout: large, brown "Yadkin River Canoe Portage" and "Yadkin-Pee Dee River Canoe Portage" (Yadkin-Pee Dee Lakes Project sign)

Photographs: (1) Trail Descending to Put-in and (2) Put-in at Narrows Dam Canoe Portage Trail



5.1.4 Falls Reservoir

Located in Stanly and Montgomery Counties, Falls Reservoir has only three public recreation areas: UNF Deep Water Trail Access, Falls Boat Access, and the Falls Dam Canoe Portage. A single boat launch ramp at Falls Boat Access in Stanly County is the only major facility available on Falls Reservoir.

Table 6: Major Public Facilities on Falls Reservoir by County and Access Area.

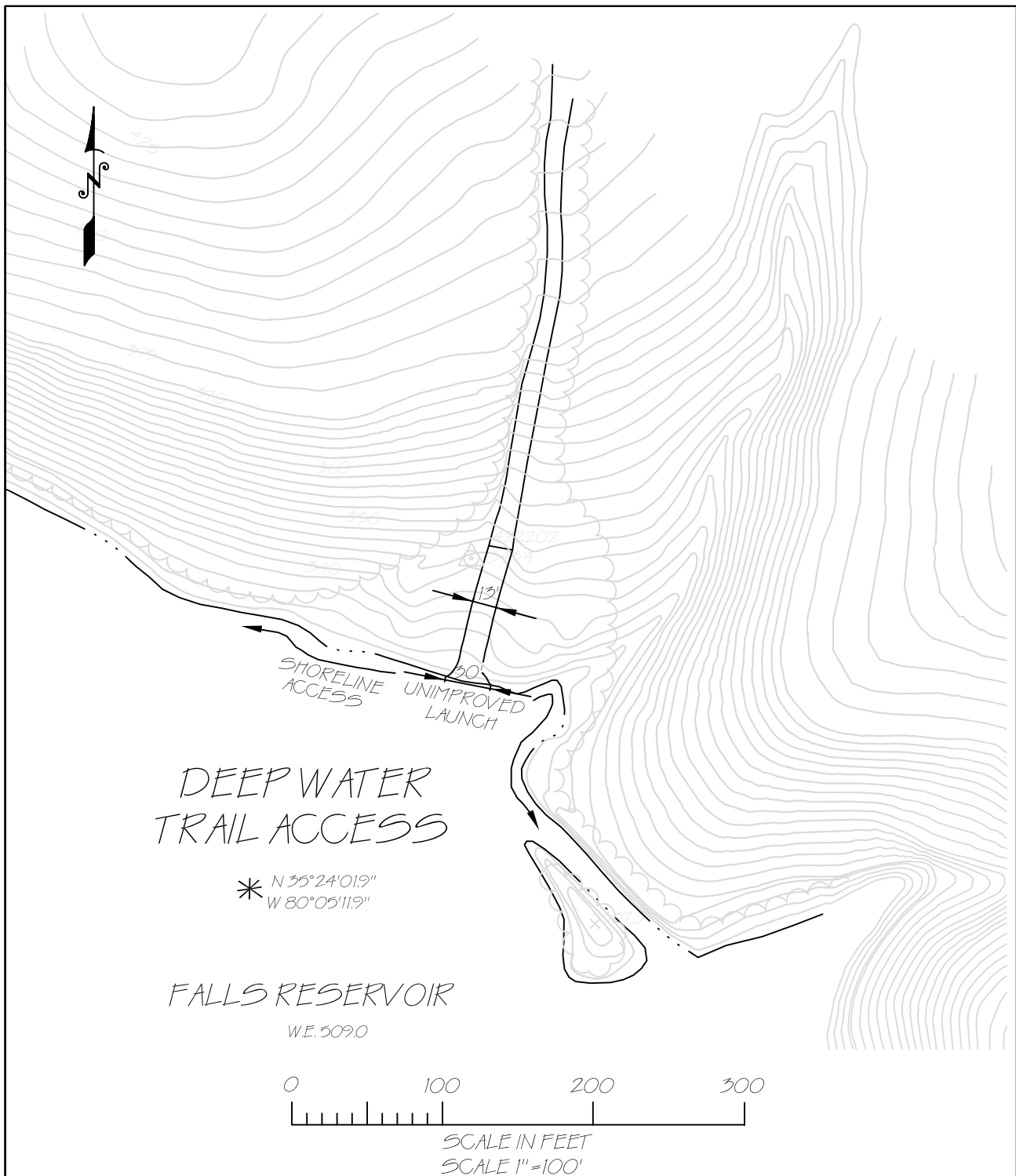
<i>Narrows Reservoir</i>		<i>Major Facilities</i>					
Site Name	County	Boat Ramp	Boat Dock	Fishing Pier	Swim Area	Camp-ground	Picnic Area
Deep Water Trail Access	Montgomery	1	0	0	0	0	0
Falls Dam Canoe Portage	Montgomery	0	0	0	0	0	0
Falls Boat Access	Stanly	1	0	0	0	0	0
Montgomery Co. Totals	2 areas	1	0	0	0	0	0
Stanly Co. Totals	1 area	1	0	0	0	0	0
Falls Reservoir Totals	3 areas	2	0	0	0	0	0

5.1.4.1 UNF Deep Water Trail Access

The Deep Water Trail Access is located at the end of USFS Road 576 in Montgomery County in the Uwharrie National Forest. The site is owned and maintained by the U.S. Forest service. The Deep Water Trail Access was inventoried with the USFS (David Wright) on February 17, 2004.

To access the site, visitors must park in a small unimproved parking area at the end of USFS 576 and hike down (presumably four-wheel drive vehicles may have vehicular access) a 1,250 feet (approximately 13 feet wide) pathway to the reservoir shoreline. This path is steep and often traverses difficult terrain. At the shoreline, there is a small clearing and an unimproved dirt boat launch approximately 30 feet wide. The site is primarily used for dispersed camping, bank fishing, boat launching, and hiking. On the date of the inventory, several fire rings were also observed. This site is included as part of the Yadkin-Pee Dee River Trail.

Currently, the USFS is considering one of two options for future improvements to this access area. The first is to make road improvements on the access road (such as grading and paving) and to construct hardened campsites. The second is the gate off the access road and create an improved footpath down to the site. Hardening and designating campsites and adding a toilet and other amenities is planned even if public access is restricted to foot traffic (USFS letter dated November 23, 2004).



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Yadkin Division

DEEP WATER TRAIL ACCESS
FALLS RESERVOIR - YADKIN RIVER

Date: 26 March 04

File Name: F-1 Deep Water Trail Access.dwg

5.1.4.2 Falls Boat Access

Reservoir: Falls

Site Name: Falls Boat Access Area

Property Owner: APGI, Yadkin Division

Site Manager: APGI, Yadkin Division

Location: The Falls Boat Access Area is located off Falls Road, State Route 1719, in Stanly County, North Carolina.

Description of Facilities and Primary Recreational Activities: Falls Boat Access Area has a boat ramp, limited shoreline fishing access, and two small parking areas (one paved, one gravel). Motorized and non-motorized boat launching and bank fishing are the primary recreational activities at the Falls Boat Access Area. This area is included as part of the Yadkin-Pee Dee River Trail.

Availability of Facilities at Varying Water Levels: The maximum water depth at the end of the launching ramp during normal full-pool reservoir levels is 5.98 feet, generally keeping the ramp usable during fluctuations of 3 feet or less.¹

Age of Facilities: Unknown.

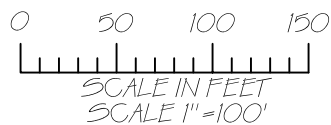
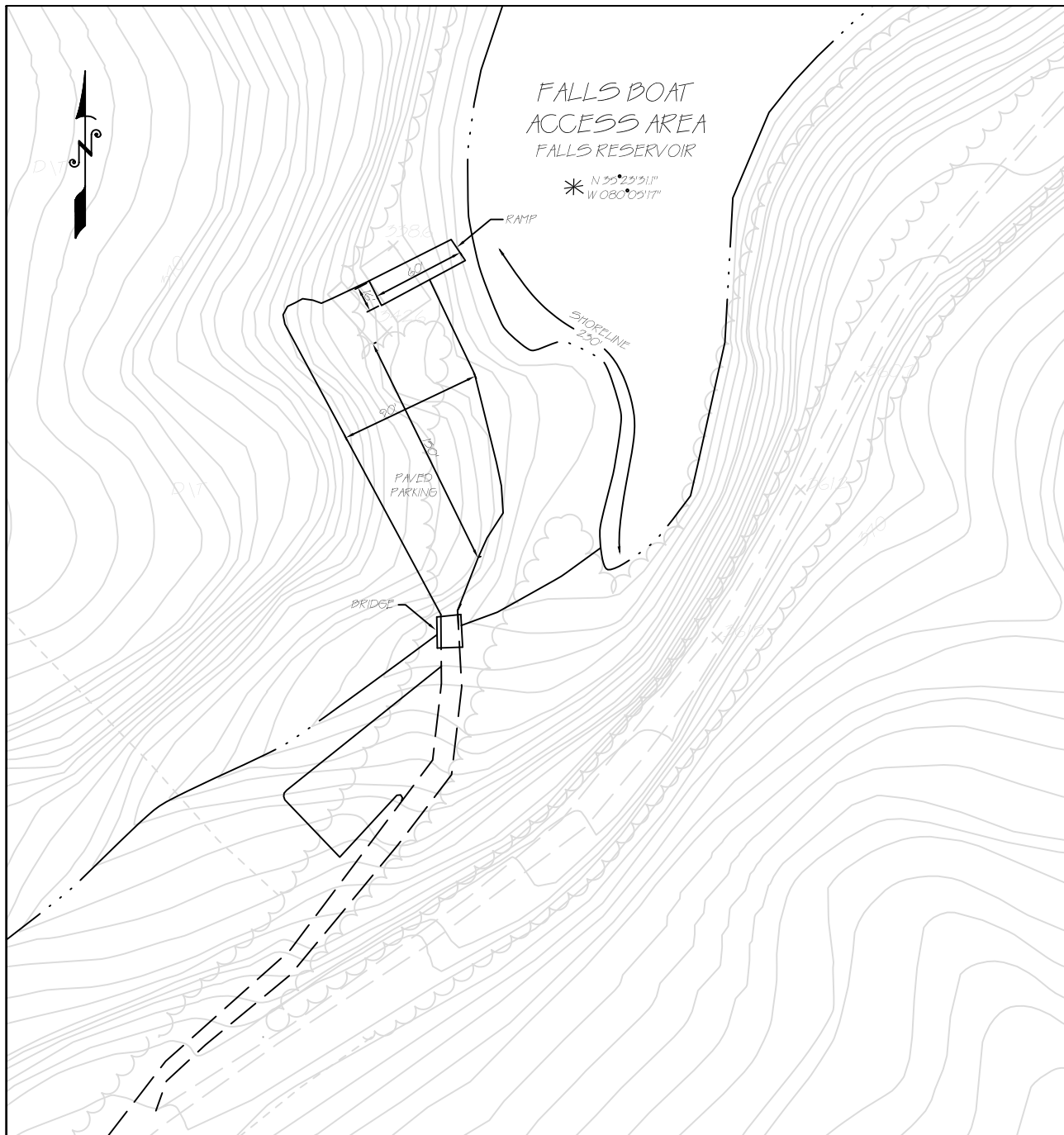
Plans to Upgrade, Expand, or Construct New Facilities: No current plans.

Observations of Operations, Maintenance, and Safety Issues: 1) No lighting.

¹ Falls Reservoir is operated as a run-of-river facility with a maximum daily fluctuation of 3 to 4 feet

Photograph : Boat Ramp at Falls Boat Access





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Yadkin Division

FALLS BOAT ACCESS
FALLS RESERVOIR - YADKIN RIVER

Date: 30 JUN 04

File Name: F-2 Falls Boat Access.dwg

Site Inventory:

An inventory of the recreational facilities available at the Falls Boat Access Area was conducted on August 26, 2003.

Facility	Description	Dimensions	Condition
Boating			
Boat ramp	Single-lane concrete launch	15.5' wide	(R) Needs repaving
Fishing			
Unimproved access to the shoreline	Limited bank fishing	N/A	(G)
Vehicular Access			
Main paved access road.	Paved road to boat access area	N/A	(G)
Parking	One paved parking area	150' x 90'	(G)
	One gravel overflow lot	125' x 50'	(G)
Utility/Sanitary			
Trash receptacles	Four receptacles (3 plastic, 1 metal) mounted on two 4x4s. Three at paved parking lot, one at overflow lot		(G)
Signs			
Signs	<ul style="list-style-type: none"> Welcome sign (3) No Parking (2) No parking, Staging Area No Swimming, Boat Launch Area Public Use Rules Yadkin Pee Dee River Canoe Trail Access No Dumping Hunting and Fishing Prohibited Without Entry Permit (several) 	8' x 4' 12" x 18" 12" x 18" 2' x 2' 3' x 3' 18" x 24" N/A N/A	(G)

Disabled Access Assessment

Facility	Notes
Boating and Fishing	
Boat ramp Total No. (1) Accessible No. (0)	No courtesy boat dock. No accessible pathway to boat ramp.
Boat dock Total No. Accessible No.	N/A
Pier/dock fishing Total No. (0)	N/A

Accessible No. (0)	
Shoreline fishing access Total no. (limited) Accessible No. (0')	No accessible pathways. No fishing pads or piers.
Camping	
Campground Total No. Accessible No.	N/A
Swimming	
Designated Swim Area Total No. Accessible No.	N/A
Sand Beach Total No. Accessible No.	N/A
Picnicking	
Picnic tables Total No. Accessible No.	N/A
Access and Parking	
Access to facilities	Paved parking/launch area, but no courtesy dock.
Parking Total No. Accessible No. Location:	No designated handicapped spaces.
Sanitary Facilities	
Toilet and shower facilities Total No. Accessible No.	N/A
Other Features	
Drinking Water	N/A
Trash receptacles (4)	The trash receptacles are not along accessible pathways, located in gravel areas.
Information/interpretive displays	N/A

5.1.4.3 Falls Dam Canoe Portage

The Falls Dam Canoe Portage Trail is on the east side (Montgomery County) of Falls Dam. From the takeout, the trail ascends (steep and rocky) across a narrow, rocky and uneven path alongside the reservoir towards the dam. At the dam, the trail begins a moderate to steep descent along a slightly more even trail. Upon approaching the put-in, the trail becomes very steep and rocky. The ensuing put-in would likely prove difficult to a portaging canoeist. Trail is clearly marked throughout by orange blazes. Although there were no maintenance issued observed on the inventory date, growing season may alter trail conditions. The total trail distance is about one-third of a mile.

Signs at takeout: large, brown “Yadkin River Canoe Portage” (there was no Yadkin-Pee Dee Lakes Project sign)

Photographs: (1) Trail Descending to Put-in and (2) Takeout at Falls Dam Canoe Portage Trail



5.2 Commercial Recreation Areas

On High Rock and Narrows reservoirs, there are a total of five commercial recreation areas (included in this inventory). Four areas are located on High Rock Reservoir and one is located on Narrows Reservoir. Combined, the five commercial areas provide four marinas including five boat ramps and five boat docks, one fishing pier, one campground, and two picnic areas.

Table 7: Major Facilities at Commercial Recreation Areas

Site Name	Reservoir	Boat Ramp	Boat Dock	Fishing Pier	Swim Area	Camp-ground	Picnic Area
High Rock Marina and Campground	High Rock	1	0	1	0	1	1
High Rock Boat Dock Marina	High Rock	1	1	0	0	0	0
High Rock Boat and Ski Club	High Rock	1	1	0	0	0	0
Tamarac Marina	High Rock	1	2	0	0	0	1
Fish Tales Marina	Narrows	1	1	0	0	0	0
High Rock Reservoir Totals	4 areas	4	4	1	0	1	2
Narrows Reservoir Totals	1 area	1	1	0	0	0	0
Commercial Area Totals	5 areas	5	5	1	0	1	2

5.2.1 High Rock Marina and Campground

High Rock Lake Marina and Campground is located at 1013 Wafford Circle on the Abbotts Creek Arm of High Rock Reservoir in Davidson County. With 2,000 feet of waterfront, the Marina and Campground's facilities include tent sites, RV hookups, cabins, a boat ramp, a fishing pier, a marina, a snack bar and a variety of other recreational facilities.

High Rock Lake Marina and Campground has 93 total RV sites. Of these 93 sites, 80 have full service hookups and 13 offer water and electric. The site also has 5 tent sites and availability for group camping. The Campground also offers eight rental cabins of several types and sizes. Check-in for campsites is 3:00 p.m. for both tent sites and cabins and checkout time is 2:00 p.m. for tent sites and 12:00 p.m. for cabins. Current camping fees are listed below in Table 8.

Table 8: 2004 Camping Fees at High Rock Lake Marina and Campground.

<i>Site Type</i>	<i>Daily</i>	<i>Weekly</i>
Tent Site	\$21.00	\$125.00
RV Site	\$23.00 - \$28.00	\$154.00 - \$175.00
Cabin	\$40.00 - \$80.00	\$280.00 - \$560.00

With approximately 2,000 feet of shoreline, waterfront facilities include a boat ramp, a fishing pier, a marina and docks for boat rentals. The boat ramp is a single-lane, concrete facility approximately 15 feet wide, the L-shaped fishing pier has a platform approximately 35 feet by 8

feet, and the marina consists of a dock with approximately eight slips. The marina also has additional docking facilities for its numerous pontoon boats and fiberglass fishing boats. Gas and propane are available at the marina. There is no swimming access at High Rock Lake Marina and Campground.

Other amenities provided by the Campground include a swimming pool, a laundry, a basketball court, horseshoe pits, a playground, a pavilion, a recreation field, a store, a game room, and a snack bar. Sanitation facilities include a large bathhouse and two large dump stations. Pay phones are located next to the pool and the bathhouse. The facilities are open throughout the year.

Photographs: (1) Cabins and (2) Fishing Pier at High Rock Marina and Campground



5.2.2 High Rock Boat Dock Marina

High Rock Boat Dock Marina is located at 339 North Shore Drive on the Abbotts Creek arm of High Rock Reservoir in Davidson County. Boat Dock Marina has approximately 300 feet of shoreline and facilities include a multi-slip dock, gas pumps, a private boat ramp, boat rentals, a convenience store, dry boat storage facilities, and a beach club. The marina also offers full service mechanical repair for all types of boats.

The multi-slip dock has tie-offs to accommodate approximately 30 boats and the marina has another smaller dock that keeps rental boats. The dock has two gas pumps available for refueling. A 12 feet by 12 feet floating courtesy dock is also available for patrons of the ships store. Adjacent to the marina is a 40 feet by 12 feet single-lane concrete boat ramp used by the marina to test boats. The boat ramp is not available for public use. The marina's convenience store carries gas, oil, ice, beverages, food items, and fishing supplies. Dry boat storage is available via monthly and annual contracts.

Photographs: Boat Dock Marina



5.2.3 High Rock Boat and Ski Club

The High Rock Boat and Ski Club is located at 2675 Providence Church Road near the Crane Creek Arm of High Rock Reservoir in Rowan County. The Boat and Ski Club is a private club and restaurant only available to members. Membership to the club requires annual membership dues of \$20 and is open year-round. The Boat and Ski Club has approximately 1,500 feet of shoreline and waterfront facilities include a boat dock with approximately 10 slips and private concrete boat ramp. All facilities are available for members only. The restaurant serves dinner nightly and the club offers live music and DJs.

Photograph: High Rock Boat and Ski Club



Photo credit: <http://www.highrockboatandskiclub.com>

5.2.4 Tamarac Marina

Tamarac Marina is located at 9120 Bringle Ferry Road on the Second Creek arm of High Rock Reservoir in Rowan County. Tamarac Marina has approximately 1,500 feet of shoreline and facilities include a boat launch, boat docks, gas, a restaurant, a general/convenience store and other day-use facilities.

Parking at the marina includes a paved lot at the gas station and a large, gravel auxiliary parking area for boat trailers adjacent to the marina. The marina's waterfront facilities consist of a concrete boat launching ramp approximately 20 feet wide, two floating wooden boat docks with terminals approximately 15 feet by 15 feet, and a large outdoor picnic area with a sheltered pavilion. A boat launching fee of \$1.00 (per day) or \$25.00 (season) are charged.

The convenience store carries snacks, sodas, beer, and fishing and outdoor supplies. Adjacent to the store is a restaurant that carries grill-type fare with an outdoor patio overlooking the reservoir. Within the store/restaurant are men's and women's restrooms.

Photograph: Overview of Tamarac Marina



5.2.5 Lake Forest Campground/Fish Tales Marina

Fish Tales Marina and Lake Forest Campground are located at 700 Lake Forest Drive on the Reynolds Creek arm of Narrows Reservoir in Montgomery County. Fish Tales Marina has approximately 325 feet of shoreline and facilities include parking, a boat dock, a launch ramp, a restaurant, a trailer campground, and other amenities.

Parking for marina facilities includes a small paved lot adjacent to the restaurant and a large grass and gravel parking area adjacent to the campground. The marina has a 10-slip floating wooden boat dock with a sheltered gas pump with an additional pump located in the paved parking area. The boat launch consists of a paved asphalt ramp approximately 20 feet wide. There is a \$2.00 launch fee with an additional charge of \$1.00 for extra vehicles.

The restaurant, Fish Tales Marina Grille, offers breakfast and lunch and also houses a game room and rest rooms. The restaurant is open on weekends only in April through May and mid-August through September and open Thursdays through Mondays from June through mid-August.

The campground is adjacent to the marina and consists of approximately 52-55 trailers (many include constructed wooden additions). Trailer sites are leased at annual rates and are therefore semi-permanent.

Photograph: Overview of Marina Facilities at Fish Tales Marina



5.3 Dispersed Recreation Areas

Dispersed recreation areas were surveyed by boat on all four reservoirs on March 31 and April 1, 2004. Another survey of dispersed recreation areas was conducted on Narrows Reservoir with the USFS earlier in November 2003. Dispersed recreation areas are sites where recreation occurs that are not within the boundaries of an established public recreation area. Specifically, 41 total sites of varying lengths of shoreline were inventoried; 5 on Falls Reservoirs, 12 on Narrows Reservoir (Badin Lake), 12 on Tuckertown Reservoir, and 12 on High Rock Reservoir. For each site, the inventory included location (using GPS), types of activities (predominantly bank fishing and camping) and method of access (either from land or boat).

While this inventory documents specific dispersed areas where recreation is known to occur, it should be noted that dispersed recreation generally occurs (at varying use levels) along the entire shoreline. More specifically, dispersed recreation is pervasive on islands and along forested shorelines that are not directly adjacent to private property. The sites documented in this discussion are considered to be sites where use is most obvious and significant. Also, although it may not always be the predominant method of access, all dispersed recreation areas can be accessed by means of boat. Likewise, although camping may be noted as the predominant activity that occurs at a site, it is assumed that bank fishing occurs at nearly every dispersed recreation site. Yadkin does not allow camping on APGI lands and considers “dispersed camping” as unauthorized. No camping signs have been posted but are frequently vandalized and/or removed. Additionally, many of the sites documented as dispersed recreation are recreation areas that extend beyond the bounds of established public access sites. Although not all such sites will be discussed in this section, it should be noted that at nearly all public access areas, bank fishing extends beyond the established facilities of that recreation site. The specific sites that were inventoried and are discussed below are numbered and shown on Figures 5-6 through 5-9.

5.3.1 Falls Reservoir

Five major dispersed recreation sites were inventoried on Falls Reservoir. Site locations for dispersed recreation on Falls Reservoir are shown on Figure 5-9. A description of the dispersed sites and activities are shown below:

Site Name	Activity(s)	Access Route
Site 1	Bank fishing	By foot
Site 2	Bank fishing	By boat
Site 3	Bank fishing and camping	By foot and boat
Site 4	Bank fishing and camping	By boat
Site 5	Bank fishing and camping	By boat

Photographs: (1) Site 5 Showing Cabin and (2) Site 2 Near Falls Portage of Dispersed Recreation Areas on Falls Reservoir



5.3.2 Narrows Reservoir (Badin Lake)

Twelve dispersed recreation sites on Narrows Reservoir (Badin Lake) were inventoried. Site locations for dispersed recreation on Narrows Reservoir (Badin Lake) are shown on Figure 5-9. A description of the dispersed sites and activities are shown below:

Site Name	Activity(s)	Access Route
Site 1	Bank Fishing	Primarily by foot
Site 2	Camping and bank fishing	By foot
Site 3	Bank fishing	By foot

Site 4	Bank fishing and camping	By boat
Site 5	Camping	By boat
Site 6	Bank fishing and camping	By boat
Site 7	Bank fishing and camping	By foot and boat
Site 8	Bank fishing and camping	Primarily by foot
Site 9	Bank fishing and camping	Primarily by boat
Site 10	Bank fishing and camping	By boat
Site 11	Bank fishing and camping	By foot
Site 12	Bank fishing and camping	By foot

Photographs: (1) Dispersed Camping at Site 8 and (2) Abutment of Old Whitney Dam on Narrows Reservoir



5.3.3 Tuckertown Reservoir

Twelve specific dispersed recreation sites were inventoried on Tuckertown Reservoir. Site locations for dispersed recreation on Tuckertown Reservoir are shown on Figure 5-8. A description of the dispersed sites and activities are shown below:

Site Name	Activity(s)	Access Route
Site 1	Bank Fishing and camping	By foot
Site 2	Bank fishing	Primarily by foot
Site 3	Bank fishing	By boat
Site 4	Bank fishing	By foot
Site 5	Bank fishing	By foot
Site 6	Bank Fishing and camping	By foot
Site 7	Bank Fishing and camping	By foot and boat
Site 8	Bank Fishing and camping	By boat
Site 9	Bank fishing	By foot
Site 10	Bank Fishing and camping	By foot
Site 11	Bank fishing	By foot
Site 12	Bank fishing	By foot

Photographs: (1) Site 1 Near Bringle Ferry Road and (2) Site 7 on Tuckertown Reservoir



5.3.4 High Rock Reservoir

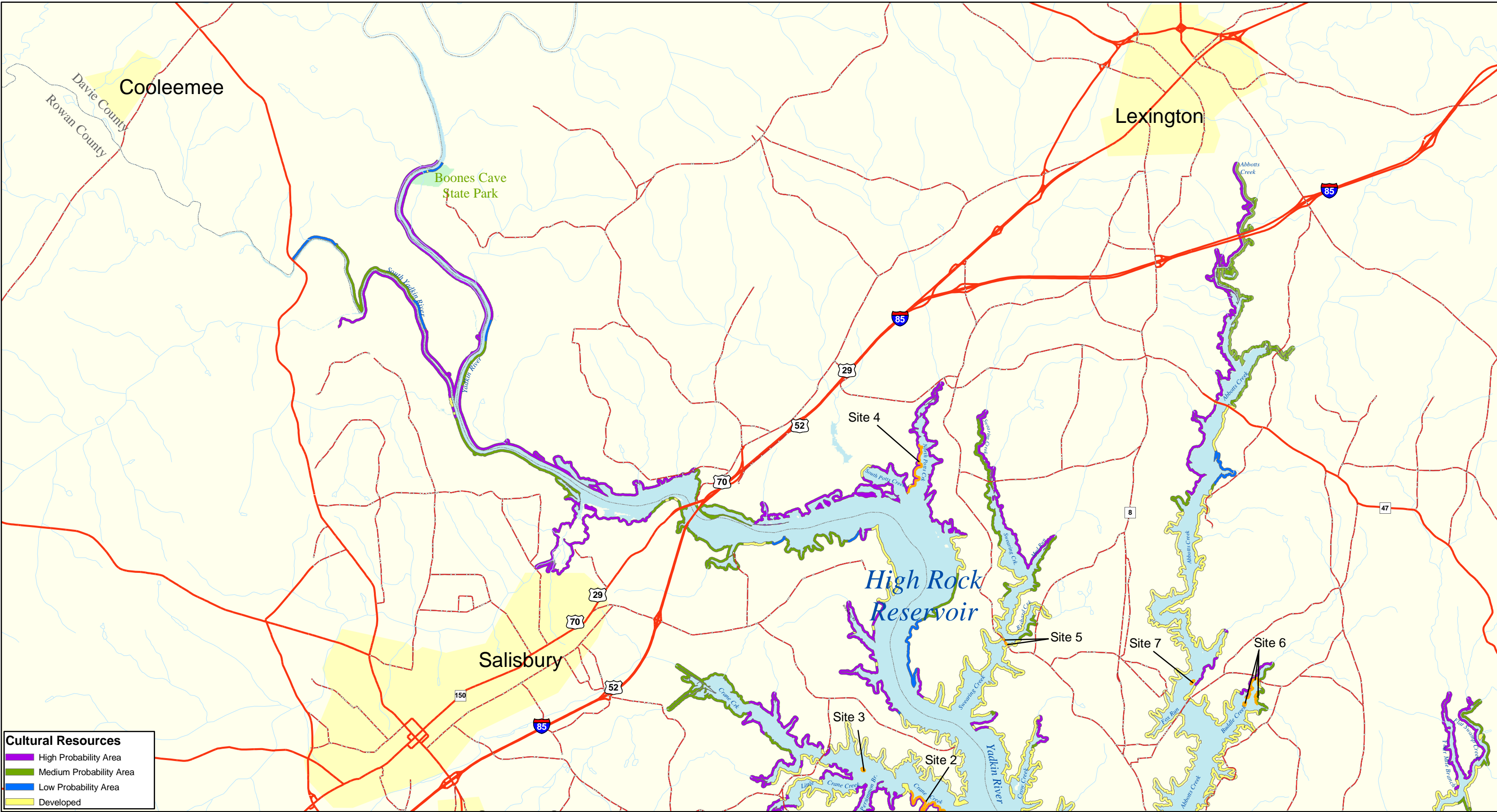
Twelve specific dispersed recreation sites were inventoried on High Rock Reservoir. Site locations for dispersed recreation on High Rock Reservoir are shown on Figures 5-6 and 5-7. A description of the dispersed sites and activities are shown below:

Site Name	Activity(s)	Access Route
Site 1	Camping	By boat
Site 2	Fishing and hunting	By foot and boat
Site 3	Camping	By boat
Site 4	Bank fishing	By boat
Site 5	Bank fishing	By foot
Site 6	Bank fishing and camping	By foot and boat
Site 7	Camping	By boat
Site 8	Bank fishing and camping	By foot
Site 9	Bank fishing and camping	By foot and boat
Site 10	Bank fishing and camping	Primarily by boat
Site 11	Bank fishing	By foot
Site 12	Bank fishing	By foot

Photographs: (1) Site 1 and (2) Site 6 on High Rock Reservoir



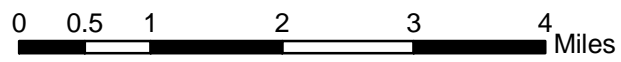
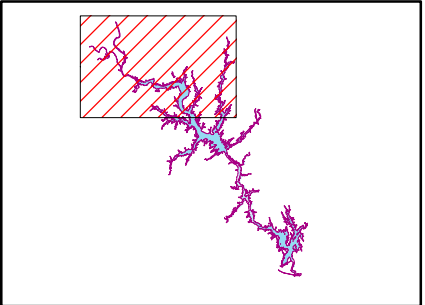
Figure 5-6: Dispersed Recreation Sites on High Rock Reservoir (northern)




Cultural Resources

- High Probability Area
- Medium Probability Area
- Low Probability Area
- Developed

- Dispersed Recreation Areas
- Highways
- Major Roads
- Streams
- Counties
- Dams
- National Forest
- State Park
- Project Reservoirs





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Drawing Title: **Yadkin Project**
Cultural Resources and Dispersed Recreation Sites (1 of 4)

Map No.: **YD707** Issue No.: **2**
Plotfile: YD707d.pdf
Metadata ID No.: 352, 387, 599, 701, 702, 727, 757, 1459, 1615, 1618, 1651, 1652, 1653, 1654, 1657, 1658
Issue Date: 23 June 04



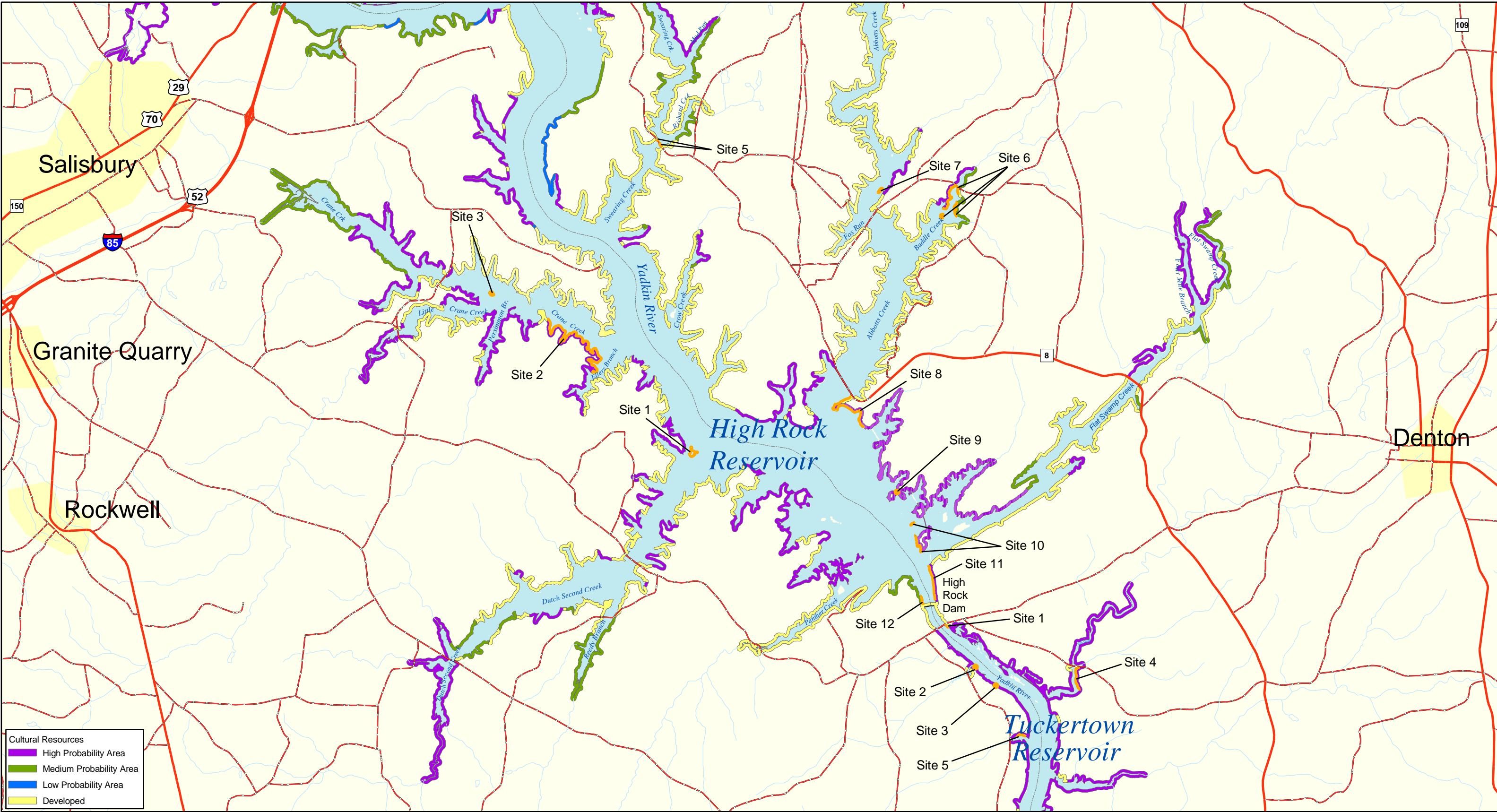
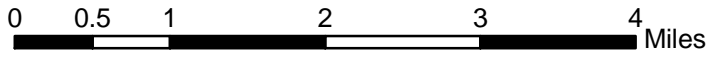
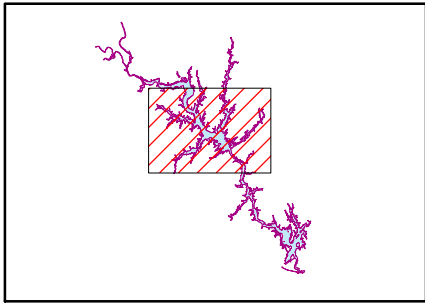



Figure 5-7: Dispersed Recreation Sites on High Rock Reservoir (southern)





- Dispersed Recreation Areas
- Highways
- Major Roads
- Streams
- Counties
- Dams
- National Forest
- State Park
- Project Reservoirs





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Yadkin Division

Drawing Title: **Yadkin Project**
Cultural Resources and Dispersed
Recreation Sites (2 of 4)



Map No.: **YD708** Issue No.: **2**
Plotfile: **YD708d.pdf**
Metadata ID No.: 352, 387, 599, 701, 702,
727, 757, 1459, 1615, 1618,
1651, 1652, 1653, 1654, 1657,
1658
Issue Date: 23 June 04


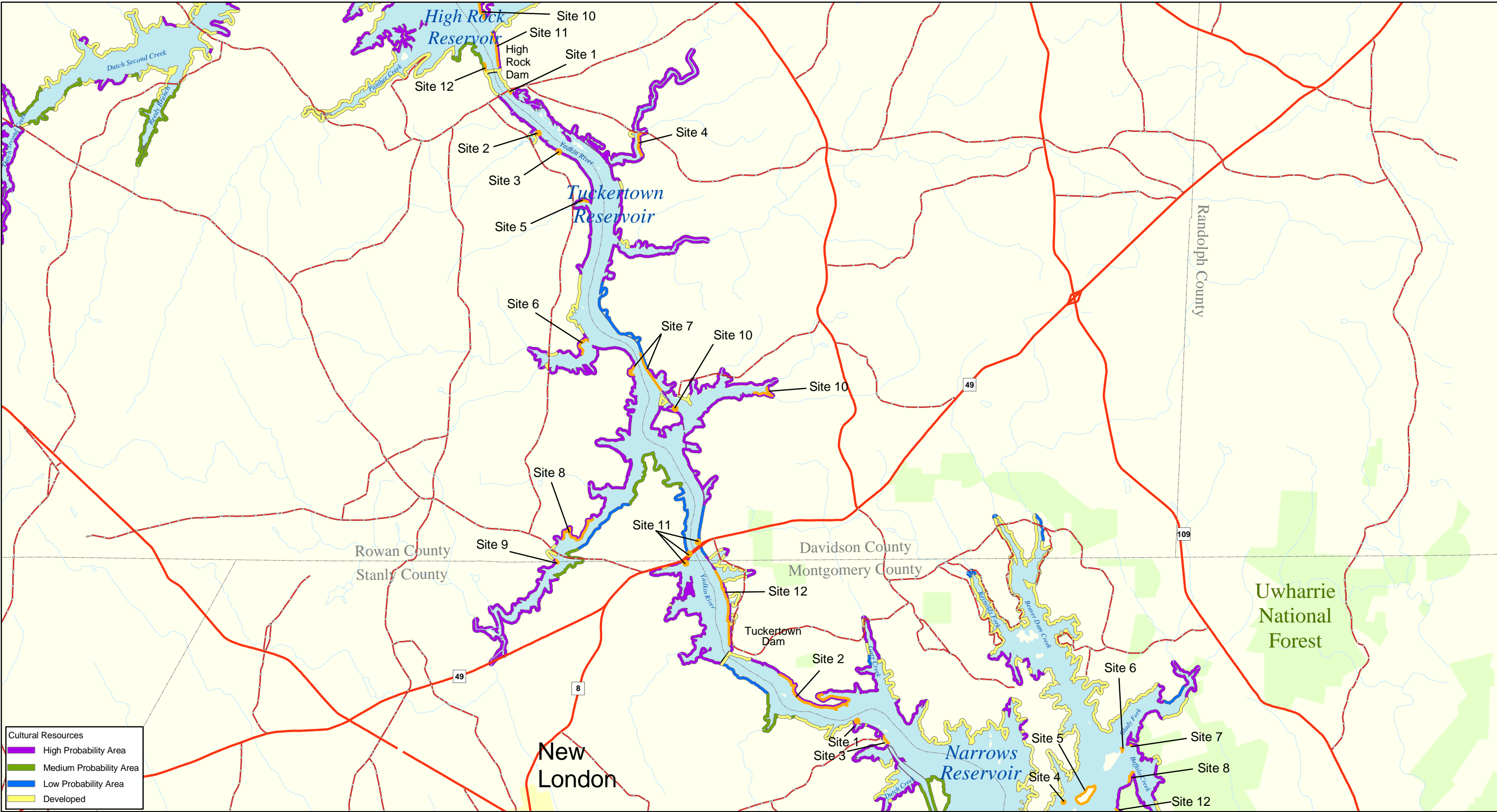


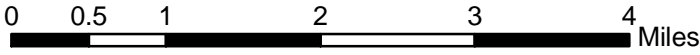
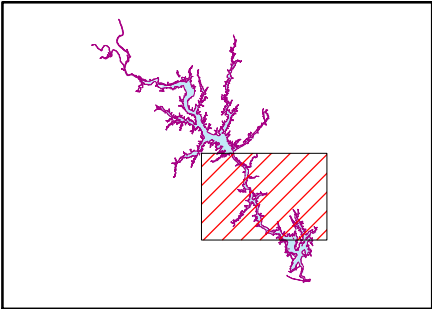
Figure 5-8: Dispersed Recreation Sites on Tuckertown Reservoir



Cultural Resources

- High Probability Area
- Medium Probability Area
- Low Probability Area
- Developed

- Dispersed Recreation Areas
- Highways
- Major Roads
- Streams
- Counties
- Dams
- National Forest
- State Park
- Project Reservoirs

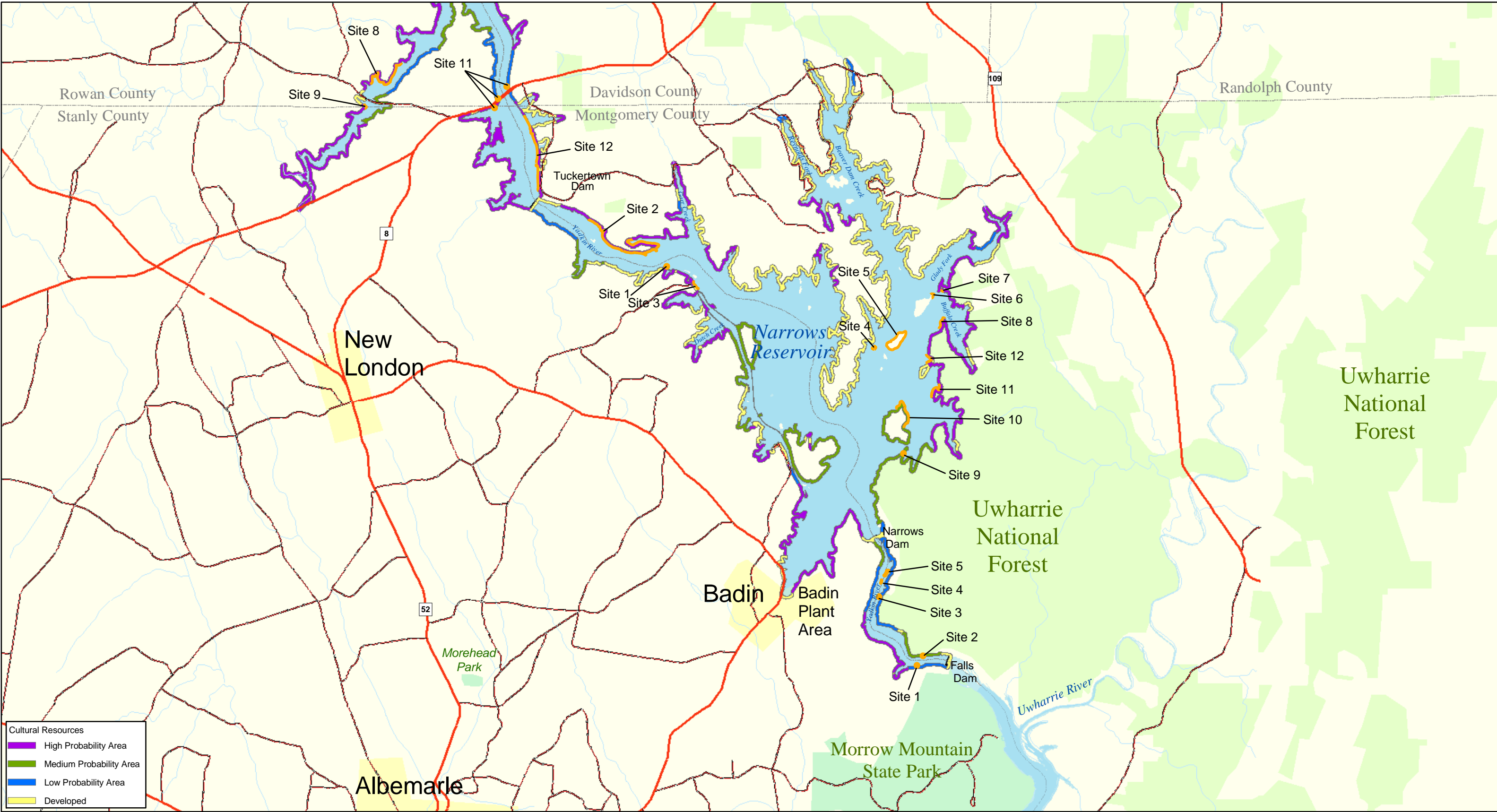


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Yadkin Division

Drawing Title: Yadkin Project
Cultural Resources and Dispersed Recreation Sites (3 of 4)

Map No.: YD709 Issue No.: 2
Plotfile: YD709d.pdf
Metadata ID No.: 352, 587, 599, 701, 702, 727, 757, 1459, 1615, 1618, 1651, 1652, 1653, 1654, 1657, 1658
Issue Date: 23 June 04

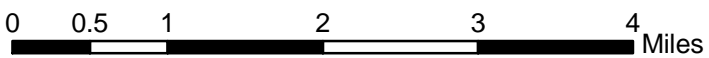
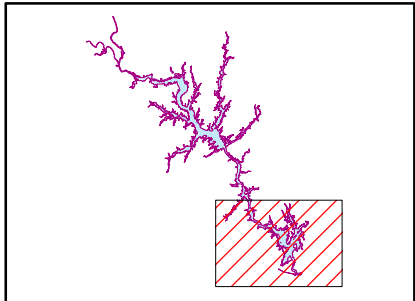
Figure 5-9: Dispersed Recreation Sites on Narrows and Falls Reservoirs



Cultural Resources

- High Probability Area
- Medium Probability Area
- Low Probability Area
- Developed

- Dispersed Recreation Areas
- Highways
- Major Roads
- Streams
- Counties
- Dams
- National Forest
- State Park
- Project Reservoirs



Alcoa Power Generating Inc.
Yadkin Division

Drawing Title: **Yadkin Project**
Cultural Resources and Dispersed Recreation Sites (4 of 4)

Map No.: **YD710** Issue No.: **2**
Plotfile: YD710d.pdf
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5.4 Planned and Recently Completed Projects

5.4.1 Eagle Point Nature Preserve – Rowan County

The Eagle Point Nature Preserve is located at the end of Black Road off Bringle Ferry Road on High Rock Reservoir in Rowan County. The preserve falls under the management of Rowan County Parks and Recreation. The preserve consists of approximately 100 acres of public land owned by Rowan County and over 80 acres on lease from Alcoa's Yadkin Division at no cost. The preserve is open daily and hours vary according to the season. Winter hours are from 9:30 am to 4:30 p.m. and summer hours are from 10 a.m. to sunset. The preserve's facilities include hiking trails, a canoe access, and wildlife observation sites.

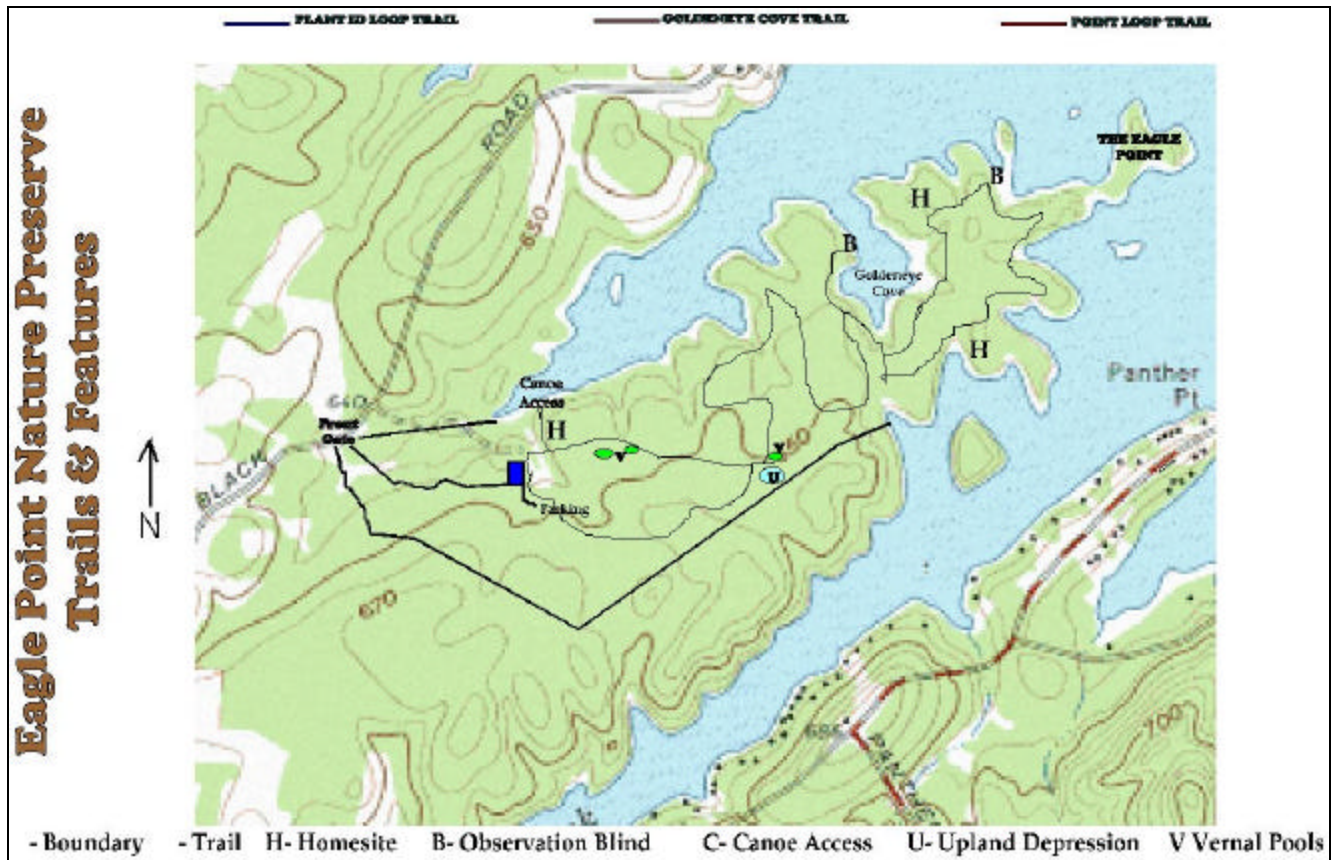
A narrow gravel road leads from the entrance to a small gravel parking area. At the parking area, there is a portable toilet, two trash receptacles, and an informational kiosk. The kiosk displays a map of the preserve and its notable features. Most notable, is the preserve's network of trails which cover approximately five miles. There are three main trails: the Plant ID Loop Trail, the Goldeneye Cove Trail, and the Point Loop Trail. The trails are wide (5-6 feet) and well maintained. Located along the trails are three vernal pools (one with an interpretive display), three homesites, one upland depression, and two official observation blinds. The Plant ID Loop Trail is an interpretive loop with species signs beside various trees and plants. Certain trail sections run along the lakeshore and provide access to the reservoir for bank fishing. Also along the shoreline are numerous wood duck boxes.

The preserve has a canoe access which is only accessible during high water summer months and requires a 100-yard portage.

Photograph: Kiosk at Eagle Point Nature Preserve



Figure 5-10: Area Map of Eagle Point Nature Preserve



5.5 Operations, Maintenance, and Safety at Public Access Recreation Areas

5.5.1 Operations and Maintenance

Yadkin has an ongoing inspection and maintenance program for its public access recreation areas. Each year, Yadkin spends approximately \$500,000 to provide recreational opportunities for the public. Activities include access area maintenance, signage, security, trash/waste collection and disposal. From May 15 through September 15, contractors to Yadkin maintain the Yadkin-managed recreation areas on a weekly basis (at a minimum). Typical maintenance activities include mowing, emptying the trash receptacles, litter clean-up, and other improvements (addition of gravel or sand, maintenance to swim buoy lines etc.) on an observed, as-needed basis. The replacement and repair of trash receptacles and picnic tables are the most common and recurring maintenance activities at the Yadkin Project. Yadkin works with the contractor to replace these facilities as needed. Portable toilets available at some of the recreation areas are also maintained weekly during the recreation season by contractors. Outside of the recreation season, the contractor monitors the recreation areas less frequently.¹

Yadkin is also responsible for maintaining the four canoe portage trails at the Project. Again, a contractor works to ensure that the trails are maintained and not overgrown, blocked by fallen trees, or washed out. The trails are clearly marked with signs and orange blazes, which Yadkin also maintains. The portage trails are not maintained according to a set schedule but on an as needed basis.

Several of the recreation areas, Dutch Second Creek on High Rock, Flat Creek on Tuckertown, and Circle Drive and Lakemont on Narrows, are cooperatively managed by Yadkin and the NCWRC under a License Agreement. Generally, Yadkin and NCWRC share the cost of maintenance activities such as emptying trash receptacles, mowing, gravel work, and facilities improvements and/or upgrades. The NCWRC maintains these recreation areas on a monthly schedule (collecting trash and vegetation management). This cycle is sometimes altered based on NCWRC needs at other areas. The NCWRC also inspects the condition of the recreation facilities and monitors recreational use (p. communication with Dean Barbee, NCWRC; email dated August 26, 2003).

Sites in the Uwharrie National Forest are maintained by USFS personnel on a weekly basis. Maintenance includes collecting trash, cleaning, and vegetation management. Larger maintenance projects such as construction and facilities improvements may be contracted out.

The Yadkin-managed recreation areas are generally open year-round from dawn until dusk. Swimming areas managed by Yadkin are open during the recreation season only (May 15 –

¹ On July 21, 2004 FERC conducted an inspection of all of Yadkin's public access recreation areas. A report issued by FERC on August 18, 2004 stated, "Free access to the project waters is provided to the public via a multitude of recreational sites. Canoeists can use portages around the dams to continuously traverse the entire project. The licensee employs the services of a contractor to maintain the recreational facilities, and most sites were in excellent condition."

September 15) each year. The recreation areas managed by the NCWRC and USFS are open to the general public throughout the year.

5.5.2 Safety

5.5.2.1 Public Safety Plan

In December 2003, Yadkin filed a revised Public Safety Plan with FERC. Generally, the Public Safety Plan outlines the safety precautions taken at the Project dams and around the Project reservoirs. Such precautions include, but are not limited to, warning signs, “no wake” and “no boat” buoy lines, and lights. FERC regularly inspects these facilities at the Yadkin Project to ensure that they are maintained.¹

5.5.2.2 Swimming Safety

In addition to the Public Safety Plan, Yadkin developed a proactive, multi-part plan to promote swimming safety at all of its swimming areas in June 2001. The plan limits swimming from sunrise to sunset from May 15 through September 15 and requires children under the age of 16 to be supervised by an adult. In an effort to improve public safety, Yadkin, in 2001, restricted the size of the swimming areas and installed a two-line buoy system. The inner buoy line defines the swimming area and the outer buoy line serves to keep boating traffic out of the swimming area. In addition to installing public telephones and posting emergency procedures, Yadkin also provides safety equipment (rescue throw bags) at the swimming areas. Yadkin provides funding to local governments to support additional law enforcement patrols at the recreation areas and local swimming safety programs. In February 2004, Yadkin funded the purchase of a patrol boat for the Montgomery County Sheriff’s Office of Water Safety. Yadkin has also provided throw bags to county law enforcement departments to use in their boats.

¹ A report issued by FERC on August 18, 2004 stated, “Fencing, signs, and other safety measures appeared to be in good condition, and all safety measures appeared to be consistent with the Public Safety Plan.”



In May 2004, Yadkin, in cooperation with SAFE KIDS in Davidson County, installed a life jacket station to promote water safety at the Buddle Creek Access Area. A similar life jacket station was installed at the Flat Swamp Access Area in 2003. The stations are designed to offer free use of life jackets for children and other inexperienced swimmers. Yadkin has offered to install a similar life jacket rack in cooperation with SAFE KIDS in Rowan County.

5.5.2.3 Public Safety at Project Dams

In 1968, to ensure public safety around dams, “Exclusionary Zones” were established below Tuckertown and Falls dams. These zones, enforced by the NCWRC, prohibit fishing, swimming, and boating within 100 feet up and downstream of the dams. In 2001, Yadkin petitioned the NCWRC to designate similar exclusionary zones at High Rock and Narrows dams, but was denied. In 2003, Yadkin asked the NCWRC to reconsider its previous petition for exclusionary zones at High Rock and Narrows dams. Unsuccessful in its attempts to designate exclusionary zones at these dams, Yadkin posted additional safety signs at all four dams to reinforce the importance of water safety. The signs, posted in English and Spanish, inform individuals that fishing, swimming, and boating within 100 feet of the dams and powerhouses is potentially dangerous and may be prohibited. Yadkin strongly encourages users to take additional caution in these areas.

5.5.2.4 Other Safety Issues¹

There are several areas around the Project reservoirs, especially at bridge crossings, where fishermen like to bank fish. Concerned about the potentially unsafe pedestrian and vehicular interactions along roadways, Yadkin is discouraging this use in some areas. For example, Yadkin, in cooperation with NCDOT, has posted numerous “No Parking” signs along the NC Highway 8 at Abbotts Creek to discourage fishing from the bridge. Additionally, Yadkin provides no facilities (e.g. trash receptacles) at this area. Other fishing pull-offs areas where use has been discouraged through “No Parking” signs and the absence of improved facilities include Crane Creek Fishing Access Pull-off, and Lick Creek Fishing Pull-off. These areas are considered “closed” and will no longer be considered official public recreation areas.

¹ The clearance of bridges over the reservoir at higher reservoir elevations has also been identified as a safety issue. At higher reservoir elevations, the clearance height for boats moving underneath bridge overpasses decreases. Yadkin is currently discussing possible remedies with the North Carolina Department of Transportation and the railroad. It is anticipated that the issue of exposed stumps due to lower reservoir levels will be discussed in the Recreation Use Assessment Report.

6 Conclusions

The recreational facilities at the Yadkin Project are managed responsibly to provide safe, clean, attractive, and accessible recreational facilities. Generally, recreational opportunities and facilities abound at the Yadkin Project, with the sole exception being dispersed recreation opportunities (camping and fishing). A subset of the facilities available at the Project may become inaccessible during a drawdown or drought. APGI, the USFS, and the NCWRC are all very diligent with facility operations, maintenance, and safety. While several of the recreation facilities at the Project have been designed and constructed to provide barrier-free access, in many cases, the facilities are not along an accessible pathway and are not barrier-free.

6.1 Availability of Recreational Opportunities and Facilities

The public access recreation areas inventoried as part of this study provide opportunities for motorized and non-motorized boating, bank and pier fishing, camping, swimming, picnicking, and hiking. Yadkin, the USFS, and the NCWRC work independently and cooperatively to provide and maintain boat launches, courtesy boat docks, fishing piers, swimming areas and beaches, campsites, and hiking trails.

Currently, there are 40 major public recreation areas (excluding areas considered “closed”) that provide direct access to Yadkin Project lands and/or waters. These recreation areas are located in Davie, Davidson, Rowan, Montgomery and Stanly counties. Table 9 below contains a summary of all major recreation facilities by county.

Table 9: Summary of Existing Major Recreation Facilities in Each County Adjacent to the Project

<i>County</i>	<i>Number of Reservoirs With Access</i>	<i>Total Number of Public Recreation Areas</i>	<i>Boat Ramp</i>	<i>Boat Dock</i>	<i>Fishing Pier</i>	<i>Bank Fishing Areas</i>	<i>Swim Area</i>	<i>Camp-ground</i>	<i>Picnic Area</i>
Davie	1	1	1	0	0	1	0	0	0
Davidson	2	8	7	3	0	8	2	0	5
Montgomery	3	14	7	4	1	14	0	3	3
Rowan	2	10	5	3	0	10	0	0	2
Stanly	3	8	6	5	1	8	1	0	4
Total for All Counties	4	40	26	15	2	40	3	3	14

Note: although “total for all counties” adds up to 41, one area is within two counties so the actual sum is 40.

With 26 boat ramps, 15 boat docks, and 40 bank fishing areas, boating and fishing facilities are well-dispersed. Generally, the ramps and docks are distributed evenly around the Project with Davidson, Montgomery, Rowan, and Stanly having 7, 7, 5, and 6 boat ramps respectively. Similarly, picnic areas (14 total) are also well-dispersed among the four counties. Fishing piers are available in Montgomery and Stanly counties, swim areas are available in Davidson and Stanly counties, and campgrounds are available in Montgomery County.

As discussed in Section 5.3, dispersed recreation, primarily fishing and camping, is prevalent around the Project reservoirs. The prevalence of dispersed recreation suggests that not all recreation demands are being met by established public recreation areas: primarily camping. Currently, there are only three public campgrounds adjacent to the Project reservoirs and they are all within the Uwharrie National Forest. With the exception of High Rock Marina and Campground (private), there are no camping facilities on High Rock, Tuckertown, and Falls reservoirs.

The operation of each of the Project reservoirs may affect the availability of recreational facilities at any given time. High Rock Reservoir is operated according to an annual operating guide. Under this guide, the reservoir water levels are maintained at a high level from May 15 through September 15 and are then drawn down during the fall and winter. Typically, the drawdown at High Rock is between 12 and 15 feet. Similar to High Rock, Narrows Reservoir has storage capabilities and a maximum drawdown capacity of 30 feet. However, Narrows is typically maintained within 3 feet of normal full pool. Yadkin has the ability to draw down Narrows Reservoir as much as 6.6 feet during periods of very low inflow without requesting a variance from FERC. For these reasons, facilities on High Rock and Narrows may be affected by Project operations. Tuckertown Reservoir has limited storage capacity and is operated with a daily pondage and a normal fluctuation of 0 to 3 feet. Like Tuckertown Reservoir, Falls Reservoir has very limited storage capacity and is operated with a daily pondage and a normal fluctuation of 0 to 3 feet. Because of these operating guidelines, facilities on Tuckertown and Falls are generally unaffected by Project operations. Table 10 below describes the availability of recreational facilities at High Rock and Narrows reservoirs at varying water levels.

Table 10: Availability of Facilities on High Rock and Narrows at Varying Water Levels

Recreation Area	Reservoir	Availability of Facilities at Varying Water Levels
Highway 601 Access Area	High Rock	Generally unaffected by reservoir operations (riverine portion of reservoir); affected by river flows
Rowan County Pump Station	High Rock	Generally unaffected by reservoir operations (riverine portion of reservoir); affected by river flows
York Hill Boat Access	High Rock	Evidence of changing water levels; however, facilities are generally unaffected by reservoir operations
Crane Creek Fishing Access Pull-off	High Rock	Unaffected
Little Crane Creek Fishing Access	High Rock	Evidence of high water at shoreline fishing access areas
Southmont Boat Access Area	High Rock	Boat ramp remains usable up to a 5-ft drawdown; the ramp is periodically closed when the draw is greater than 5-ft
Highway 47 Fishing Pull-off	High Rock	Unaffected
Buddle Creek Boat Access Area	High Rock	Boat ramp is usable at drawdowns of 9-ft or less
Abbotts Creek/NC 8 Bridge Pull-off	High Rock	Unaffected

Dutch Second Creek Boat Access	High Rock	Boat ramp is usable for motorized boats at drawdowns of 10.9 feet or less
Flat Swamp Boat Access	High Rock	Boat ramp is usable at drawdowns of 12.6-ft or less
High Rock Dam Canoe Portage	High Rock	Unaffected
Tuckertown Dam Tailrace Access	Narrows/Badin	Unaffected
Garr Creek Access Area	Narrows/Badin	Generally unaffected during normal reservoir operation
Old Whitney NCWRC Fishing Pier	Narrows/Badin	Generally unaffected during normal reservoir operation; pier fishing may be affected at lower water levels
Old Whitney Boat Access Area	Narrows/Badin	Generally unaffected during normal reservoir operation
Circle Drive Boat Access Area	Narrows/Badin	Generally unaffected during normal reservoir operation
Lakemont Access Area	Narrows/Badin	Generally unaffected during normal reservoir operation
UNF Holt's Cabin Picnic Area	Narrows/Badin	Generally unaffected during normal reservoir operation
UNF Walk-in Fishing Pier	Narrows/Badin	Generally unaffected during normal reservoir operation
UNF Badin Lake Campground	Narrows/Badin	Generally unaffected during normal reservoir operation
UNF Cove Boat Landing	Narrows/Badin	Under construction
Palmerville Access Area	Narrows/Badin	Unaffected
Badin Lake Swim/Picnic Area	Narrows/Badin	Generally unaffected; changes in size of swimming area proportional to changes in reservoir levels
Badin Boat Access	Narrows/Badin	Generally unaffected during normal reservoir operation
Narrows Dam Canoe Portage	Narrows/Badin	Unaffected
Badin Lake Group Camp	Narrows/Badin	Unaffected
UNF Arrowhead Campground	Narrows/Badin	Unaffected

Under current Project operations, during the summer months, all boat ramps and facilities on High Rock and Narrows reservoirs remain usable. However, when High Rock Reservoir is drawn down (e.g. seasonally, for maintenance, etc.), some facilities may become unusable. Specifically, the boat ramps at the Buddle Creek Boat Access Area, the Dutch Second Creek Boat Access, and the Flat Swamp Boat Access may be affected by a drawdown. The boat ramp nearest the head of the cove at the Southmont Boat Access may also be affected when High Rock Reservoir is down 5-ft or more because of the shallow water in the cove. All boat ramp facilities on Narrows are generally unaffected by normal reservoir operation, but may become affected during periods of low inflow.

Photographs: Drawdown in Winter 2003 at (1) Circle Drive Boat Access and (2) Lakemont Boat Access Area¹



¹ As part of a study being conducted for the Yadkin Project relicensing, Narrows Reservoir was drawn down 15 to 20-ft in December 2003. The availability of many of the recreational facilities on Narrows Reservoir was documented during this time.

6.2 Condition of Recreational Facilities

Generally, the recreational facilities at the Yadkin, USFS, and NCWRC recreation areas are well maintained and in good condition. Recent improvements have been made at several of the recreation areas. New, anti-sway floating boat docks were installed at the Flat Swamp Boat and Swim Access Area, the Buddle Creek Boat Access Area, the Southmont Boat Access Area, and the Old Whitney Boat Access Area in 2001; two new boat docks were installed at the Highway 49 Boat Access Area in winter of 2000-01; the boat ramps at Circle Drive Boat Access Area were extended during the winter of 2000-01; and a new double-lane boat ramp and floating dock were installed at the Dutch Second Creek Boat Access Area in 2003.

Additionally, there are existing plans to improve and/or upgrade the facilities at some of the recreation areas. Specifically, the Cove Boat Landing and Badin Lake Campground in the Uwharrie National Forest are currently undergoing considerable renovations.

While the recreation facilities are generally in good condition, there are a few facilities that are in need of repair or replacement. Specifically, there are boat ramps in need of repair or maintenance, including those at the Newsome Road Access, the Southmont Boat Access Area, the Highway 49 Boat Access Area, the Garr Creek Access Area, the Lakemont Access Area, the Palmerville Access Area, the Highway 601 Boat Access Area, and the Falls Boat Access. Additionally, there are instances of vandalism to trash receptacles, signs, picnic tables, and portable toilets. Also, there are parking areas and access roads where the surfacing is has deteriorated. Such conditions could be remedied with regravelling, regrading, or compaction. Table 11 shows each public recreation area and general notes on their condition.

Table 11: Summary of Facilities Condition at Each Public Recreation Area

Recreation Area	Reservoir	Notes on Condition
Highway 601 Access Area	High Rock	Generally in good condition; ramp needs maintenance
Rowan County Pump Station	High Rock	Improvements needed; site is in general disrepair
York Hill Boat Access	High Rock	Generally in good condition; needs some maintenance (smaller boat ramp) and repair (access road)
Crane Creek Fishing Access Pull-off	High Rock	Area is closed
Little Crane Creek Fishing Access	High Rock	Improvements needed; significant erosion in vehicular access areas.
Southmont Boat Access Area	High Rock	Generally in good condition; boat ramp needs significant repairs
Highway 47 Fishing Pull-off	High Rock	Area is closed
Buddle Creek Boat Access Area	High Rock	Generally in good condition; swimming area needs improvements; other minor repair and maintenance work needed
Abbotts Creek/NC 8 Bridge Pull-off	High Rock	Area is closed

Dutch Second Creek Boat Access	High Rock	Good condition
Flat Swamp Boat Access	High Rock	Good condition
High Rock Dam Canoe Portage	High Rock	Good condition
High Rock Dam Tailrace Access (Rowan)	Tuckertown	Good condition
High Rock Dam Tailrace Access (Davidson)	Tuckertown	Improvements needed; significant erosion, general maintenance and litter problems
Bringle Ferry Boat Access	Tuckertown	Generally in good condition; access road needs maintenance
Cedar Creek Fishing Pull-off	Tuckertown	Generally in good condition; some maintenance problems
Lick Creek Fishing Pull-off	Tuckertown	Area is closed
Flat Creek Boat Access Area	Tuckertown	Good condition
Flat Creek Fishing Access Area	Tuckertown	Generally in good condition; parking area needs maintenance
Newsome Road Access	Tuckertown	Improvements needed; boat ramps are of deteriorated quality
Riles Creek Recreation Area	Tuckertown	Improvements needed; vandalism and erosion problems
Highway 49 Boat Access Area	Tuckertown	Generally in good condition; boat ramps need resurfacing
Tuckertown Pull-off Fishing Access	Tuckertown	Maintenance improvements needed
Tuckertown Dam Canoe Portage	Tuckertown	Good condition
Tuckertown Dam Tailrace Access	Narrows/Badin	Good condition
Garr Creek Access Area	Narrows/Badin	Improvements needed; boat ramps need significant repair
Old Whitney NCWRC Fishing Pier	Narrows/Badin	Good condition
Old Whitney Boat Access Area	Narrows/Badin	Good Condition
Circle Drive Boat Access Area	Narrows/Badin	Generally in good condition; some minor maintenance issues
Lakemont Access Area	Narrows/Badin	Improvements needed; ramps need replacement, vehicular access needs maintenance/repair, general aesthetic improvements needed
UNF Holt's Cabin Picnic Area	Narrows/Badin	General reconstruction needed
UNF Walk-in Fishing Pier	Narrows/Badin	Good condition
UNF Badin Lake Campground	Narrows/Badin	Under reconstruction
UNF Cove Boat Landing	Narrows/Badin	Under reconstruction
Palmerville Access Area	Narrows/Badin	Improvements needed; maintenance issues (picnic area and boat ramp), lack of identifiable parking area
Badin Lake Swim/Picnic Area	Narrows/Badin	Good condition
Badin Boat Access	Narrows/Badin	Good condition
Narrows Dam Canoe Portage	Narrows/Badin	Improvements needed; steep terrain and often narrow (especially along fence toward put-in)
Badin Lake Group Camp	Narrows/Badin	Improvements needed; gravel and grading improvements needed

UNF Arrowhead Campground	Narrows/Badin	Generally in good condition; repairs needed for many living spaces and access pathways, some grills/fire rings and ID posts also need repair
UNF Deep Water Trail Access	Falls	Improvements needed; steep terrain
Falls Boat Access	Falls	Generally in good condition; boat ramp needs resurfacing
Falls Dam Canoe Portage	Falls	Improvements needed; uneven terrain, extremely steep and difficult put-in

There are a few specific recreation areas that the condition is generally poor overall. These areas, the Newsome Road Access Area, Holt's Cabin Picnic Area, the Lakemont Access Area, and the Rowan County Pump Station, should either be closed or reconstructed¹.

As discussed in Section 5.5, Yadkin has taken great efforts to improve public safety at its recreation areas. Specifically, Yadkin has recently updated its Public Safety Plan (December 2003), which outlines the specific safety precautions taken at the Project developments. Yadkin has also worked to improve swimming safety at the Project's three swimming areas and beaches through the posting of bi-lingual safety signs, the provision of safety and rescue equipment, and the funding of additional country patrols at these areas.

6.3 Barrier-Free Accessibility

A disabled access assessment was made at each public access recreation area. A "barrier-free" facility is a facility where access is free of impediments to safe use and passage to persons with disabilities or handicaps.² Typical impediments at boating and fishing facilities include the absence of cuts in the curb around parking lots, improperly surfaced walks and decking, poor transitions from pathways to structures such as boat docks and fishing piers, and steeply graded access ways.

The barrier-free assessment of each of the recreation areas was based on criteria described in the United States Access Board's "Accessible Fishing Piers and Platforms" and "Accessible Boating Facilities." The Design Guide for Accessible Outdoor Recreation prepared by an Interagency (US Forest Service and National Park Service) Guidelines Task Group for Accessible Outdoor Recreation recommends that approximately five percent (5%) of recreational areas, such as picnic or campsites be barrier-free.

Any barrier-free facility, such as a boat ramp, courtesy dock, fishing pier, or a picnic area should be designed so that it can be approached, entered, and used by people with disabilities. Factors considered in conducting the disabled access assessment at each recreation area included: the availability of signed handicapped parking; the surface and slope of accessible pathways; access to boat transfer facilities (courtesy docks); the design of existing fishing piers; the accessibility to side or end-approach picnic tables; and the availability of barrier-free restroom facilities at each recreation area. Table 12 below summarizes the barrier-free opportunities at all public recreation

¹ The NCWRC is planning to renovate the Lakemont Access Area.

² Definition from "Guidelines for the Design of Barrier-Free Recreational Boating and Fishing Facilities" prepared for the States Organization for Boating Access, 1992.

area and suggests possible improvement to help meet barrier-free status at sites where they are not currently met.

Table 12: Summary of Barrier-Free Areas and Possible Improvements to Achieve Barrier-Free Accessibility

Recreation Area	Accessible (yes/no)	Notes; Possibilities for Accessibility
Highway 601 Access Area	No	Completely not accessible ¹
Rowan County Pump Station	No	Completely not accessible
York Hill Boat Access	No	Completely not accessible
Crane Creek Fishing Access Pull-off	No	Completely not accessible
Little Crane Creek Fishing Access	No	Completely not accessible
Southmont Boat Access Area	No	Designated parking space and accessible pathway would make boating facilities accessible.
Highway 47 Fishing Pull-off	No	Completely not accessible
Buddle Creek Boat Access Area	No	Designated parking space and accessible pathway would make boating facilities accessible.
Abbotts Creek/NC 8 Bridge Pull-off	No	Completely not accessible
Dutch Second Creek Boat Access	No	Designated parking space and accessible pathway would make boating facilities accessible.
Flat Swamp Boat Access	No	Designated parking space and accessible pathway would make boating facilities accessible.
High Rock Dam Tailrace Access (Rowan)	No	Completely not accessible
High Rock Dam Tailrace Access (Davidson)	No	Completely not accessible
Bringle Ferry Boat Access	No	Designated parking space, accessible pathways and barrier-free transitions would make boating facilities accessible.
Cedar Creek Fishing Pull-off	No	Completely not accessible
Lick Creek Fishing Pull-off	No	Completely not accessible
Flat Creek Boat Access Area	Yes	Accessible; transition plates are recommended
Flat Creek Fishing Access Area	No	Completely not accessible
Newsome Road Access	No	Completely not accessible
Riles Creek Recreation Area	No	Completely not accessible
Highway 49 Boat Access Area	No	Designated parking space and accessible pathway would make boating facilities

¹ “Completely not accessible” is used to describe those areas without paved/accessible parking, accessible pathways to any facilities, and courtesy docks (for those areas with boating facilities). Such areas would need all of the above mentioned additions to be barrier-free.

		accessible
Tuckertown Pull-off Fishing Access	No	Completely not accessible
Tuckertown Dam Tailrace Access	No	Completely not accessible
Garr Creek Access Area	No	Completely not accessible
Old Whitney NCWRC Fishing Pier	No	Completely not accessible
Old Whitney Boat Access Area	No	Designated parking space, accessible pathways and gaps in courtesy dock curb would make boating facilities accessible
Circle Drive Boat Access Area	Yes	Accessible
Lakemont Access Area	No	Completely not accessible
UNF Holt's Cabin Picnic Area	No	Completely not accessible
UNF Walk-in Fishing Pier	No	Completely not accessible
UNF Badin Lake Campground	N/A	Under Construction
UNF Cove Boat Landing	Yes	It is intended that reconstruction will fully provide barrier-free facilities
Palmerville Access Area	No	Completely not accessible
Badin Lake Swim/Picnic Area	No	Completely not accessible
Badin Boat Access	No	Paved, designated parking space, accessible pathway to ramp and floating dock, and transition plates and gaps in dock curb are needed to achieve barrier free status
Badin Lake Group Camp	No	Completely not accessible
UNF Arrowhead Campground	No	Campsite parking areas must be wider to be barrier-free. Picnic tables, lantern poles, and living spaces are not barrier-free. Bathhouse currently meets barrier free guidelines
UNF Deep Water Trail Access	No	Completely not accessible
Falls Boat Access	No	Addition of a courtesy dock, accessible pathway, and designated parking spaces are needed.

Although limited, barrier-free opportunities do exist at the Project. The Circle Drive Boat Access Area, managed by the NCWRC, is a good example of barrier-free boating facilities. The area has a designated and signed handicapped parking space, which is along an accessible pathway (concrete) that leads to accessible boat ramps and courtesy docks (one with a handicapped accessible handrail). The restroom facilities at this area are not barrier-free.

Several access areas, such as the Highway 49 Boat Access Area on Narrows Reservoir (Badin Lake), are designed to be barrier-free, but lack some necessary elements. The courtesy boat docks at the Highway 49 Boat Access Areas were constructed to be barrier-free, but there is currently no signed handicapped parking space or accessible pathway to the facilities. In most cases, the absence of an accessible pathway and/or a designated parking space are the only remaining improvements required to make facilities barrier-free. Because the predominant uses

at the reservoirs are boating and fishing efforts to improve barrier-free accessibility should focus on these uses.

7 References

United States Access Board. (June 2003). Accessible Boating Facilities.

United States Access Board. (June 2003). Accessible Fishing Piers and Platforms.

Yadkin-Pee Dee Lakes Project, (1999). Yadkin-Pee Dee River Trail Map.

Appendix A: Final Study Plan

**Alcoa Power Generating Inc.
Yadkin Hydroelectric Project (FERC No. 2197)
Recreation Facility Inventory and Condition Assessment**

**Final Study Plan
October 2003**

Background

Alcoa Power Generating Inc. (APGI) is the licensee for the Yadkin Hydroelectric Project. The Yadkin Project is currently licensed by the Federal Energy Regulatory Commission (FERC) as Project No. 2197. This license expires in 2008 and APGI must file a new license application with FERC on or before April 30, 2006 to continue operation of the Project.

The Yadkin Project consists of four reservoirs, dams, and powerhouses (High Rock, Tuckertown, Narrows, and Falls) located on a 38-mile stretch of the Yadkin River in central North Carolina. The Project generates electricity to support the power needs of Alcoa's Badin Works, to support its other aluminum operations, or is sold on the open market.

As part of the relicensing process, APGI prepared and distributed, in September 2002, an Initial Consultation Document (ICD), which provides a general overview of the Project. Agencies, municipalities, non-governmental organizations and members of the public were given an opportunity to review the ICD and identify information and studies that are needed to address relicensing issues. To further assist in the identification of issues and data/study needs, APGI has formed several Issue Advisory Groups (IAGs) to advise APGI on resource issues throughout the relicensing process. IAGs will also have the opportunity to review and comment on Draft Study Plans. This Final Study Plan has been developed in response to comments on the ICD and through discussions with the Recreation, Aesthetics, and Shoreline Management IAG, to provide additional necessary information for consideration in the relicensing process.

Study Objectives

The objective of this study is to inventory existing public recreation areas that provide direct access to Yadkin Project lands and/or waters. The inventory will describe the available recreation facilities, the condition of the recreation facilities, and identify any operational, maintenance, or safety issues at each recreation area. Additionally, to assess the present adequacies and future accessibility needs for people with disabilities to recreation facilities at public recreation areas, the study will include an assessment of disabled access.

Relationship of Study to Other Recreation Studies

The information collected as part of this facility inventory will be used alone and in combination with other information collected during the Recreation Use Assessment to evaluate the adequacy of existing Project public recreation areas to accommodate current use and future demand.

Methodology

For the purposes of this study, recreation areas to be included in the inventory are those areas that are open for public use that provide direct access to Project lands and/or waters. These recreation areas will be divided into three groups: 1) public recreation areas operated and maintained by Yadkin, state or federal agencies, and/or municipalities; 2) privately owned commercial facilities that are open for public use, and 3) unimproved or informal recreation areas on public or private lands that are routinely used for recreation or access to the Project (see Attachment 1). Long View Associates (LVA) will conduct a detailed facility inventory (to include a disabled access assessment) and facility condition assessment at Yadkin, North Carolina Wildlife Resources Commission (NCWRC), and U.S. Forest Service (USFS) public recreation areas at High Rock Reservoir, Tuckertown Reservoir, Narrows Reservoir (Badin Lake), and Falls Reservoir. A less detailed inventory and condition assessment will be conducted at commercial facilities (marinas, campgrounds etc.) and the unimproved or informal public/private dispersed recreation areas (including islands). Shoreline trails and dispersed use areas in the Uwharrie National Forest will be included in the facility inventory and condition assessment, as informal recreation areas. Recreational access for the disabled will generally not be addressed at the private commercial or unimproved/informal recreation areas.

Recreation Facility Inventory

The recreation facilities available at each public recreation area will be inventoried. The inventory will include a review of existing information, consultation with recreation area managers and/or private operators, and field investigations. Yadkin inventoried its public recreation areas in the fall/winter of 2000. This information will be updated by verifying the current facilities and condition of those facilities at each recreation area.

Information will be collected for each of the public recreation areas listed in Attachment 1 using a Facilities Inventory and Condition Form (see Attachment 2). Inventory data and photo documentation will be collected on facilities such as, boat ramps, boat docks, fishing piers, bank fishing areas, picnic tables, camping areas, trail or road access, parking areas, sanitary facilities, and utilities. Any plans to upgrade, expand, or build new facilities will be noted.

Facility Accessibility

LVA will assess the present adequacies and future accessibility needs for people with disabilities to recreation facilities at public recreation areas. The disabled access assessment will focus on identifying major areas of concern related to Americans with Disabilities Act (ADA) compliance. During field investigations, a Recreation Facility Disabled Access Form (see Attachment 3) will be used to evaluate the accessibility of boating ramps and docks, pier and bank fishing facilities, campsites, swimming and picnic areas, trails, and other associated facilities (parking, access pathways, trash receptacles, restrooms etc.) at the Yadkin Project. These evaluations will be based on guidance for barrier-free recreation provided by the ADA itself, the ADA Accessibility Guidelines for Buildings and Facilities; Recreation Facilities and A Summary of Accessibility Guidelines for Recreation Facilities (Architectural and Transportation Barriers Compliance Board, September 2002 and June 2003).

Recreation Facility Condition Assessment

LVA will evaluate the existing physical condition of Project recreation facilities at public recreation areas and identify any ongoing (persistent) operations, maintenance, and/or safety issues and determine consistency with Yadkin Project, NCWRC, and USFS management standards.

Using the Facilities Inventory and Condition Form (Attachment 2), the recreation facilities available at each access area will be rated using specific criteria: (N) Needs replacement (broken or missing components, or non-functional); (R) Needs repair (structural damage or otherwise in obvious disrepair); (M) Needs maintenance (ongoing maintenance issue, primarily cleaning); and (G) Good condition (functional and well-maintained). If a facility is given a rating of “N”, “R”, or “M”, a detailed explanation for the rating will be provided. The age of the facilities, as well as any potentially unsafe conditions and signs of overuse will also be noted.

At recreation areas cooperatively managed with the NCWRC and/or USFS, consideration will be given to the respective management standards of the managing agency. The USFS uses a Meaningful Measures process to inventory the infrastructure, establish standards of quality, estimate costs, and prioritize work at its recreation areas. The USFS will be consulted regarding its Meaningful Measures for the USFS recreation areas included in this study.

Operations, Maintenance, and Safety

The operations and maintenance of each recreation area will be reviewed and any potentially unsafe conditions and signs of overuse will be noted. Yadkin’s ongoing inspection and maintenance program for its public recreation areas will be evaluated. During field investigations, any safety or health issues at the recreation areas (e.g. vehicular and pedestrian access and interactions, lighting, sanitation etc.) will be noted. In addition, local law enforcement officials will be consulted to understand any enforcement or safety concerns at the recreation areas. Other concerns, as noted in the Resident and Visitor Use Surveys (collected during the Recreation Use Assessment) will also be noted and discussed.

Reporting

Both a draft and final study report will be prepared. The draft study report will be revised and finalized based on comments on the draft study report received from Yadkin, the Recreation, Aesthetics, and Shoreline Management IAG, and other stakeholders. Generally, the report will list the recreation facilities, describe the conditions of those facilities, summarize disabled access recreation opportunities, and identify any operations, maintenance, or safety issues at each recreation area in Attachment 1. The results of this study and the Recreation Use Assessment will be used to make recommendations for facilities improvements (upgrades or expansion) or new facility construction.

Schedule

This study will take approximately 12 months to complete. Field investigations will begin in September 2003.

Appendix B: Inventory Forms

Facilities Inventory and Condition Form

Reservoir:		Date:			
Site Name:					
Location:		Photos Taken:			
Property Owner:					
Site Manager(s):					
Primary Recreational Activities:					
Inventory and Condition Assessment					
Boating and Fishing	(✓)	Description	Dimensions	Capacity	Condition
Boat ramp (# lanes)					
Boat dock					
Marina (# boat slips)					
Boat Gas Services					
Navigation/info buoy					
Pier/dock fishing					
Shoreline fishing access					
Other _____					

Notes:

Recreation Facilities Inventory and Condition Assessment

Camping	(✓)	Description	Dimensions	Capacity	Condition
Pay station/self-serve					
Group campsite					
Developed campsite					
Primitive campsite					
Accessible campsite					
RV hookup (Full or Partial)					
Rental cabin					
Tent Pads					
Other _____					

Notes:

Recreation Facilities Inventory and Condition Assessment

Day Use/Picnicking	(✓)	Description	Dimensions	Capacity	Condition
Picnic table					
Shelter/pavilion					
Playground/activity area					
Cooking grill/fire ring					
Lantern Pole					
Interpretive display					
Bench					
Shade trees/grass area					
Other _____					

Notes:

Recreation Facilities Inventory and Condition Assessment

Swimming	(✓)	Description	Dimensions	Capacity	Condition
Designated swim area					
Swimming beach					
Safety equipment/signs					
Other _____					

Notes:

Recreation Facilities Inventory and Condition Assessment

Pedestrian Access	(✓)	Description	Dimensions	Capacity	Condition
Path to facilities					
Multi-use trail					
Trail parking					
Trail sign					
Other _____					

Notes:

Recreation Facilities Inventory and Condition Assessment

Vehicular Access	(✓)	Description	Dimensions	Capacity	Condition
Main paved access road					
Secondary gravel or dirt road					
Single vehicle parking (# spaces)					
Boat trailer parking (# spaces)					
Other _____					

Notes:

Recreation Facilities Inventory and Condition Assessment

Sanitary	(✓)	Description	Dimensions	Capacity	Condition
Toilet pit (p), vault (v), flush (f), portable (p)					
Toilet building					
Disposal station (boat or RV)					
Other _____					

Notes:

Recreation Facilities Inventory and Condition Assessment

Utilities	(✓)	Description	Dimensions	Capacity	Condition
Water faucet					
Drinking fountain					
Hot water					
Shower					
Trash receptacle					
Trash dumpster					
Telephone					
Lighting					
Signs					
Other _____					

Notes:

Operations, Maintenance, and Safety Evaluation	
Issue	Notes
Hours of Operation	
Plans to upgrade, expand, or construct new facilities at this recreation area (including schedule)	
Maintenance Schedule	
Signs of Overuse	
Sanitary maintenance	
Vehicular/pedestrian access and interactions	
Availability of parking	
Location of recreation facilities	
Landscaping and vegetation management	
Lighting	
Unauthorized uses	
Other	

Notes:

Recreation Facility Disabled Access Assessment

Date _____

Site Name: _____

Site Manager: _____

Facility	Notes
Boating and Fishing	
Boat ramp Total No. _____ Accessible No. _____	
Boat dock Total No. _____ Accessible No. _____	
Pier/dock fishing Total No. _____ Accessible No. _____	
Shoreline fishing access Total no. _____ Accessible No. _____	
Camping	
Campground (group, developed, primitive) Total No. _____ Accessible No. _____	
Swimming	
Designated Swim Area Total No. _____ Accessible No. _____	
Sand Beach Total No. _____ Accessible No. _____	
Picnicking	
Picnic tables Total No. _____ Accessible No. _____	

Access and Parking	
Access to facilities	
Parking Total No. _____ Accessible No. _____ Location:	
Sanitary Facilities	
Toilet and shower facilities Total No. _____ Accessible No. _____	
Other Features	
Drinking Water	
Trash receptacles	
Information/interpretive displays	
Other _____	

District: Uvharrie RD Site Name:

Date: Inventory by:

Building Info Station	Roof	Exter Wall	Exter Flr	Int ceiling	Int wall	Int floor	Plumb fix	Elect fix	Mechanical	Waste Sys	Hydrant	Comments
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Tilt 3												
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Dump Station												
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Site No.	Table	Firing	Grill	Lantern Pole	Living Space	Tent Pad	Utility Hookup	Parking Space	Hydrant	Trash Recpt	Barrier	Site ID Post	
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Legend: Rpl=replace; Rpr=repair; Obs=obsolete; NA=not applicable; NAC=not accessible; Sat=Satisfactory

Appendix C: Comment Summary

Copies of the Recreation Facilities Inventory and Condition Assessment Study Draft Report were distributed to the Recreation, Aesthetics, and Shoreline Management Issue Advisory Group (RASM IAG) on October 15, 2004. The Draft Report was then reviewed and discussed at a RASM IAG meeting in Badin, North Carolina on November 3, 2004. Comments on the Draft Report were received at this meeting. Additionally, the RASM IAG was given until December 3, 2004 to submit additional comments. Table 13 below is a summary of the comments received and responses to the comments.

Table 13: Summary of Comments and Responses

Source of Comment	Comment	Response
High Rock Lake Association (HRLA): 11/3/04 Recreation, Aesthetics, and Shoreline Management IAG Meeting	Recreation areas that are considered “closed” should not be included in the final report or, at a minimum, not be included in the list of major facilities available at the Project.	The three recreation areas that are considered “closed” have been removed from any summary discussion about or tables listing “major facilities.” See Sections 5.1.1, 5.1.2, and 6.0. Individual inventories of the three “closed” recreation areas remain in order to explain why they are currently considered closed.
HRLA: 11/3/04 RASM IAG Meeting & e-mail dated 12/5/04	There are more than three commercial recreation areas on Project reservoirs. Specifically, High Boat Dock Marina and High Rock Boat and Ski Club should be included in the study.	High Rock Boat Dock Marina and High Rock Boat and Ski Club have been added to the discussion of commercial recreation areas in Section 5.2.
NCWRC: 11/3/04 RASM IAG Meeting	Concerning the relationship between the Recreation Inventory Report and the Recreation Use Assessment: the Recreation Inventory Report should, at a minimum, clarify that its	Language in Section 3 has been added and edited to clarify the relationship between the two studies, and to clarify how the conclusions of the Recreation Inventory Study were drawn.

	recommendations are based solely on the information presented the Report and do not take into account the finding of the Recreation Use Assessment.	
NCWRC: 11/3/04 RASM IAG Meeting	Summary tables should include “bank fishing area” as a major recreation facility.	The table in the Report Summary and Table 9 have been amended to include bank fishing areas.
NCWRC: 11/3/04 RASM IAG Meeting	NCWRC requests that maps showing just “boating areas” and “pier/bank fishing areas” be generated.	These maps have been generated and are included as part of the final report. See Figures 1.6 and 1.7.
NCWRC: 11/3/04 RASM IAG Meeting	Recreation areas that are considered “closed” should be left in the report so that FERC is aware of the conditions at these areas and why they have been “closed.”	The three recreation areas that are considered “closed” have been removed from any summary discussion about or tables listing “major facilities.” See Sections 5.1.1, 5.1.2, 6.0. Individual inventories of the three “closed” recreation areas remain in order to explain why they are currently considered closed.
SaveHighRockLake.org: 11/3/04 RASM IAG Meeting	Southmont Boat Access Area is one of the last sites to become unusable during drawdown, but the report states that the boat ramp is periodically closed when the reservoir drawdown is greater than 5-ft.	Section 5.1.1.6 and page 235 were revised to clarify that it is the ramp nearest the head of the cove that may be affected by a 5-ft drawdown.
SaveHighRockLake.org: 11/3/04 RASM IAG Meeting	The reservoir is itself a recreational facility and bridge clearance, stumps, and drawdown should be presented as safety issues.	It is anticipated that the Recreation Use Assessment will address this issue and the final Recreation Inventory Report includes a footnote stating as much – see Section 5.5.2.4.
SaveHighRockLake.org: 11/3/04 RASM IAG Meeting	Suggests that discussions of “dispersed recreation” be characterized differently than formal recreation areas.	Section 5.3 discusses dispersed recreation areas at the Project. This section describes dispersed recreation

		areas as “sites where recreation occurs that are not within the boundaries of an established public recreation area.” This section also recognizes that the dispersed camping occurring on APGI-owned lands is unauthorized.
USFS: 11/3/04 RASM IAG Meeting & letter dated 11/23/04	There are plans underway to improve and add facilities at the Kings Mountain Point area. Also, there are some minor correction needed in the inventory and disabled assessment for this site.	The report has been revised to reflect these comments – see Section 5.1.3.8.
USFS: letter dated 11/23/04	Figure 1-5 incorrectly shows the locations of Arrowhead Campground and Badin Lake Campground.	The figure has been revised to reflect this comment. See Figure 1-5.
USFS: letter dated 11/23/04	USFS requests that the last sentence of the next to last paragraph on page 157 read. “The USFS currently has no funds to make these upgrades.” Also on page 157, the USFS requests that the last paragraph read “According to the USFS, the area has been poorly planned and constructed in a difficult location.”	The report has been revised to reflect these comments – see Section 5.1.3.7.
USFS: letter dated 11/23/04	The inventory for Badin Lake Campground should note that the toilets, hydrants, and trash receptacles will be accessible upon completion of reconstruction.	The report has been revised to reflect this comment – see Section 5.1.3.9.
USFS: letter dated 11/23/04	The inventory of Holt’s Cabin picnic area should note that the picnic table pads need replacement, the parking lot surface is not suitable for handicapped parking, and the trash receptacles are not accessible.	The report has been revised to reflect these comments – see Section 5.1.3.7.

USFS: letter dated 11/23/04	The inventory of Badin Lake Group Camp should state that a new, accessible shower building is currently under construction.	The report has been revised to reflect this comment – see Section 5.1.3.10.
USFS: letter dated 11/23/04	It should be noted in the disability assessment that Arrowhead Campground tent sites have no tent pads and are inaccessible.	The report has been revised to reflect this comment – see Section 5.1.3.11.
USFS: letter dated 11/23/04	The inventory for Deep Water Trail should note future development plans of the area.	The report has been revised to reflect this comment – see Section 5.1.4.1.
Concerned Property Owners High Rock Lake (CPOHRL): 11/3/04 RASM IAG Meeting & e-mail dated 12/6/04	References to “stream flow” should be changed to “lake levels.”	The report has been reviewed and edited to clearly distinguish meaning between references to “stream flow” and “lake levels”.
CPOHRL: e-mail dated 12/6/04	References to “recreation season” should be eliminated. Thus, the intended meaning should be “year-round”.	Depending on the context of its use, references to “recreation season” have been removed from the report in certain sections.
CPOHRL: e-mail dated 12/6/04	References to “Fall/Winter drawdown” should be changed to “drawdown.”	Depending on the context of its use, references to “fall/winter drawdown” have been changed to “drawdown” in certain sections.