

Fac/Perm/Co ID # 43-01 m/ther	Date 07/15/2011	Doc ID# DIN 14370
-------------------------------------	--------------------	----------------------

9/26/96

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2 + COVER
To Tom Wainwright	From Jim Bateson	
Co. McKim & Creed	Co. SOLID WASTE SECTION	
Dept.	Phone # 733-0692 x 342	
Fax # 233-8031	Fax #	

Tom -

HYDRO COMMENTS RE: AND. CR. CDD.

← JIM BARBER WILL LOOK AT THE APPLICATION
NEXT WEEK. CALL ME IF YOU HAVE
QUESTIONS.

- Jim Bateson

WAS PZ 6b ~~INSTALLED~~ AS PERMANENT
MONITORING WELL? IF SO, IT COULD
SERVE AS BACKGROUND.

including waste determination procedures where appropriate. Five sets of plans shall be required with each application.

- HARNETT
AND Cr.
CJD
9/19/96
- (1) The following information shall be required for reviewing a site application for a proposed sanitary landfill:
 - ✓(a) An aerial photograph on a scale of at least 1 inch equals 400 feet and a blueprint of the photograph accurately showing the area within one-fourth mile of the proposed site's boundaries with the following specifically identified:
 - ✓(i) Entire property owned or leased by the person proposing the disposal site;
 - ✓(ii) Land use and zoning;
 - ✓(iii) Location of all homes, industrial buildings, public or private utilities, and roads;
 - ✓(iv) Location of wells, watercourses, dry runs, and other applicable details regarding the general topography; and
 - ✓(v) Flood plains. — FEMA MAP ENCLOSED, TEXT REF.
 - ✓(b) A map on a scale of at least 1 inch equals 1000 feet showing the area within two miles of the proposed site's boundaries with the following specifically identified:
 - ✓(i) Significant ground-water users;
 - ✓(ii) Potential or existing sources of ground-water and surface water pollution;
 - ✓(iii) Water intakes;
 - ✓(iv) Airport and runways; and
 - ✓(v) Subdivisions.
 - (c) A geological and hydrological study of the site which provides:
 - ✓(i) Soil borings for which the numbers and depths have been confirmed by the Division and lab testing of selected soil samples that provide:
 - (A) standard penetration - resistance;
 - (B) particle size analysis;
 - (C) soil classification - USCS;
 - (D) geologic considerations (slopes, solution features, etc.);
 - (E) undisturbed representative geologic samples of the unconfined or confined or semiconfined hydrological units within a depth of 50 feet that provide the following information for each major lithologic units:
 - (I) saturated hydraulic conductivity (or by in-situ);
 - (II) volume percent water; and
 - (III) porosity;
 - (F) remolded sample of cover soils that provide:
 - (I) saturated hydraulic conductivity,
 - (II) total porosity,
 - (III) atterberg limits;
 - (G) stratigraphic cross-sections identifying hydrogeological units including lithology;

EHNR - SOLID WASTE MANAGEMENT 01/04/94

T15A: 13B .0500

- (H) tabulation of water table elevations at time of boring, 24 hours, and seven days (The number of cased borings to provide this information shall be confirmed by the Division.); and
 - (I) boring logs;
 - (ii) A boundary plat locating soil borings with accurate horizontal and vertical control which are tied to a permanent onsite bench mark;
 - (iii) A potentiometric map of the surficial aquifer based on stabilized water table elevations; and
 - (iv) A report summarizing the geological and hydrological evaluation.
-
- (d) A conceptual design plan presenting special engineering features or considerations which must be included or maintained in site construction, operation, maintenance and closure.
 - (e) Local government approvals:
 - (i) If the site is located within an incorporated city or town, or within the extra-territorial jurisdiction of an incorporated city or town, the approval of the governing board of the city or town shall be required. Otherwise, the approval of the Board of Commissioners of the county in which the site is located shall be required. Approval may be in the form of either a resolution or a vote on a motion. A copy of the resolution, or the minutes of the meeting where the vote was taken, shall be forwarded to the Division.
 - (ii) A letter from the unit of government having zoning jurisdiction over the site which states that the proposal meets all of the requirements of the local zoning ordinance, or that the site is

9/25/26

- SURFACE DRAINAGE DITCH NEEDS MORE DETAIL ON E. END
- WELL SPECS: 15' SCREEN, 5' SEAL, MIN.
- NEED CDMW-1 (UPERADIENT MW-1 CAN SERVE.)
- MW-LOCATIONS. NEED ONE ON WEST?

MW/S ON 100 scale map

UPERADIENT WELL - CAPE FEAR FM

WEST WELL → surface water wgmt
south well → N of R1P R&D
DITCH DETAIL

932-1594



McKIM & CREED

5625 DILLARD ROAD
SUITE 117
CARY, N.C. 27511
TEL: (919) 233-8091
FAX: (919)-233-8031

FACSIMILE TRANSMITTAL

DESIGNATED RECIPIENT: Jim Bateson FAX NO: 715-3605

COMPANY: NCDEHNR DATE: 11-25-96

SENDER: Tom Wainwright TIME: _____

NUMBER OF TRANSMISSION PAGES (Including this page): _____

PROJECT NUMBER _____ PROJECT NAME AND CRC C&D

THIS IS YOUR ORIGINAL

HARD COPY TO FOLLOW

COMMENTS: ** IF NOT CORRECTLY RECEIVED OR PAGES FAULTY, PLEASE CALL SENDER AT 919/233-8091 **

REMARKS:

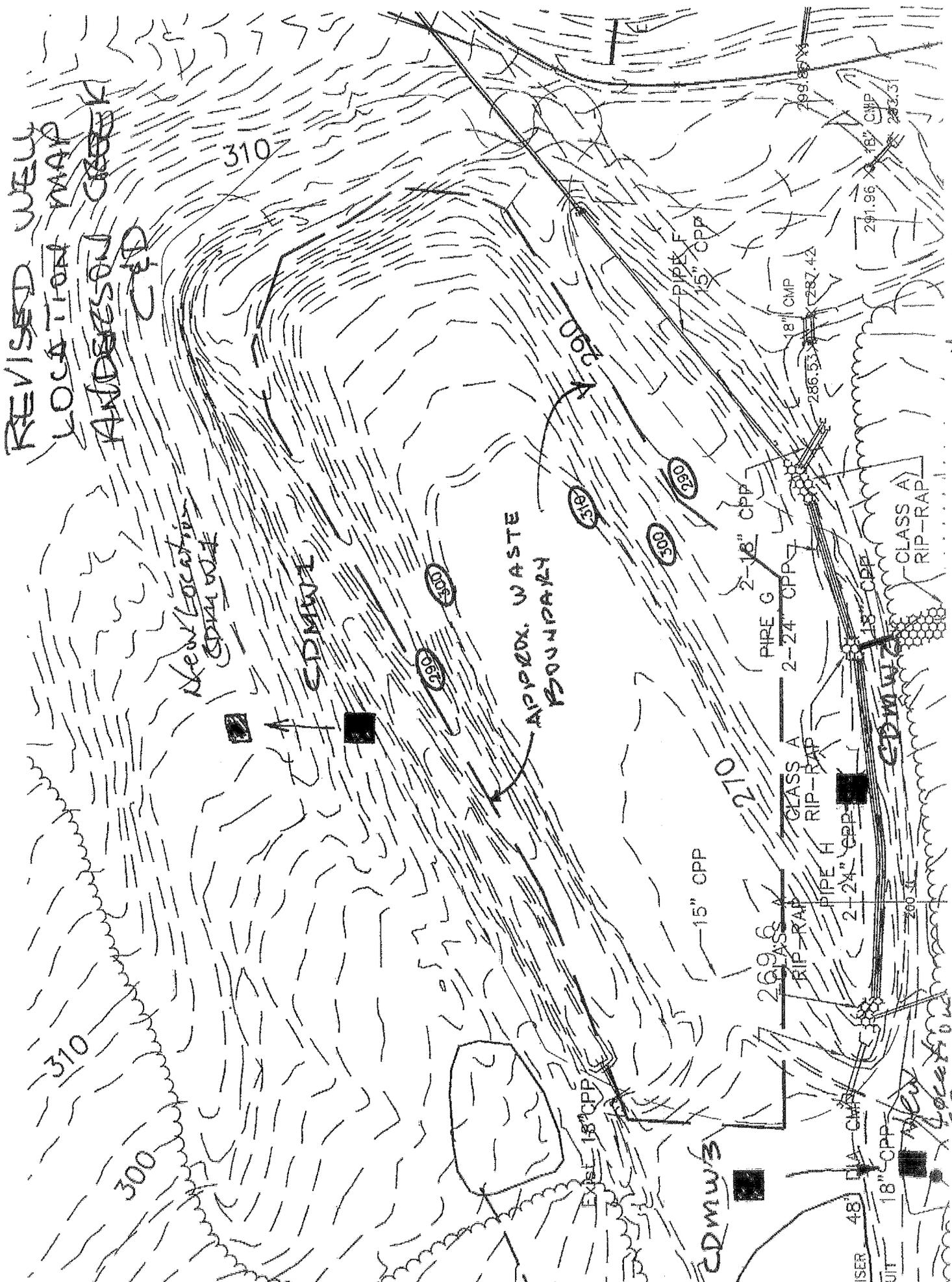
Jim - I've moved 2 of the wells
Please let me know if you
agree. Leave message if
I'm not here.
Thanks

ATTENTION

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OF/OR AGENT RESPONSIBLE TO DELIVER IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. WE WILL REIMBURSE YOU FOR ANY COSTS INCURRED.

919-774-3774

REVISED WELL LOCATION MAP ANDERSON CREEK CED



SCALE 1"=100'

ACTIVITY REPORT (RX)

11.25.1996 12:19

9197153605 SOLID WASTE DIV

DATE	TIME	DURATION	REMOTE ID	MODE	PAGES	RESULT
11.21	17:35	01'05"	919 715 2715	ECM	4	O.K.
11.21	22:36	00'41"		ECM	1	O.K.
11.22	04:57	00'42"		ECM	1	O.K.
11.22	09:09	00'36"	215 230 4850	ECM	1	O.K.
11.22	09:21	01'40"		G3	1	N.G.47
11.22	09:44	01'39"		G3	1	N.G.47
11.22	09:53	00'39"	919 833 6399	ECM	2	O.K.
11.22	09:58	01'40"		G3	1	N.G.47
11.22	10:02	00'27"	1 910 771 4631	ECM	1	O.K.
11.22	10:04	00'47"		G3	0	N.G.47
11.22	10:30	01'11"	919 733 9413	ECM	2	O.K.
11.22	11:38	03'51"	2072875701	ECM	11	O.K.
11.22	12:03	01'16"	4045628439	ECM	4	O.K.
11.22	12:14	01'30"	0000000000000000	G3	2	O.K.
11.22	13:05	04'27"	919 733 4811	ECM	7	O.K.
11.22	13:39	00'43"	919 828 5261	G3	1	O.K.
11.22	13:48	00'57"	1 919 733 9555	G3	1	O.K.
11.22	14:11	04'27"	919 733 4811	ECM	7	O.K.
11.22	14:25	00'43"	404 546 3343	ECM	1	O.K.
11.22	14:34	01'10"	9197757732	ECM	2	O.K.
11.22	15:52	04'55"	919 887 7117	ECM	3	O.K.
11.22	16:33	01'17"	704 483 2055	G3	2	O.K.
11.25	10:08	00'43"	860 954 5857	ECM	2	O.K.
11.25	10:15	02'07"	919 468 8599	G3	2	O.K.
11.25	11:41	00'56"	919 715 6794	G3	0	N.G.20
11.25	11:17	11'35"		ECM	20	N.G.22
11.25	11:31	06'07"		ECM	9	N.G.42
11.25	12:05	01'10"	919 733 0513	G3	2	O.K.
11.25	12:07	00'44"	919 715 6794	ECM	1	O.K.
11.25	12:14	04'42"	9192338031	ECM	2	O.K.



5625 DILLARD ROAD
 SUITE 117
 CARY, N.C. 27511
 TEL: (919) 233-8091
 FAX: (919)-233-8031

FACSIMILE TRANSMITTAL

DESIGNATED RECIPIENT: Jim Bateson FAX NO: 715-3605
 COMPANY: NCDEHNR DATE: November 21, 1996
 SENDER: Tom Wainwright TIME: 11:40 am
 NUMBER OF TRANSMISSION PAGES (Including this page): 2
 PROJECT NUMBER _____ PROJECT NAME Anderson Creek C&D
 THIS IS YOUR ORIGINAL HARD COPY TO FOLLOW
 COMMENTS: **** IF NOT CORRECTLY RECEIVED OR PAGES FAULTY, PLEASE CALL SENDER AT 919/233-8091 ****

REMARKS:

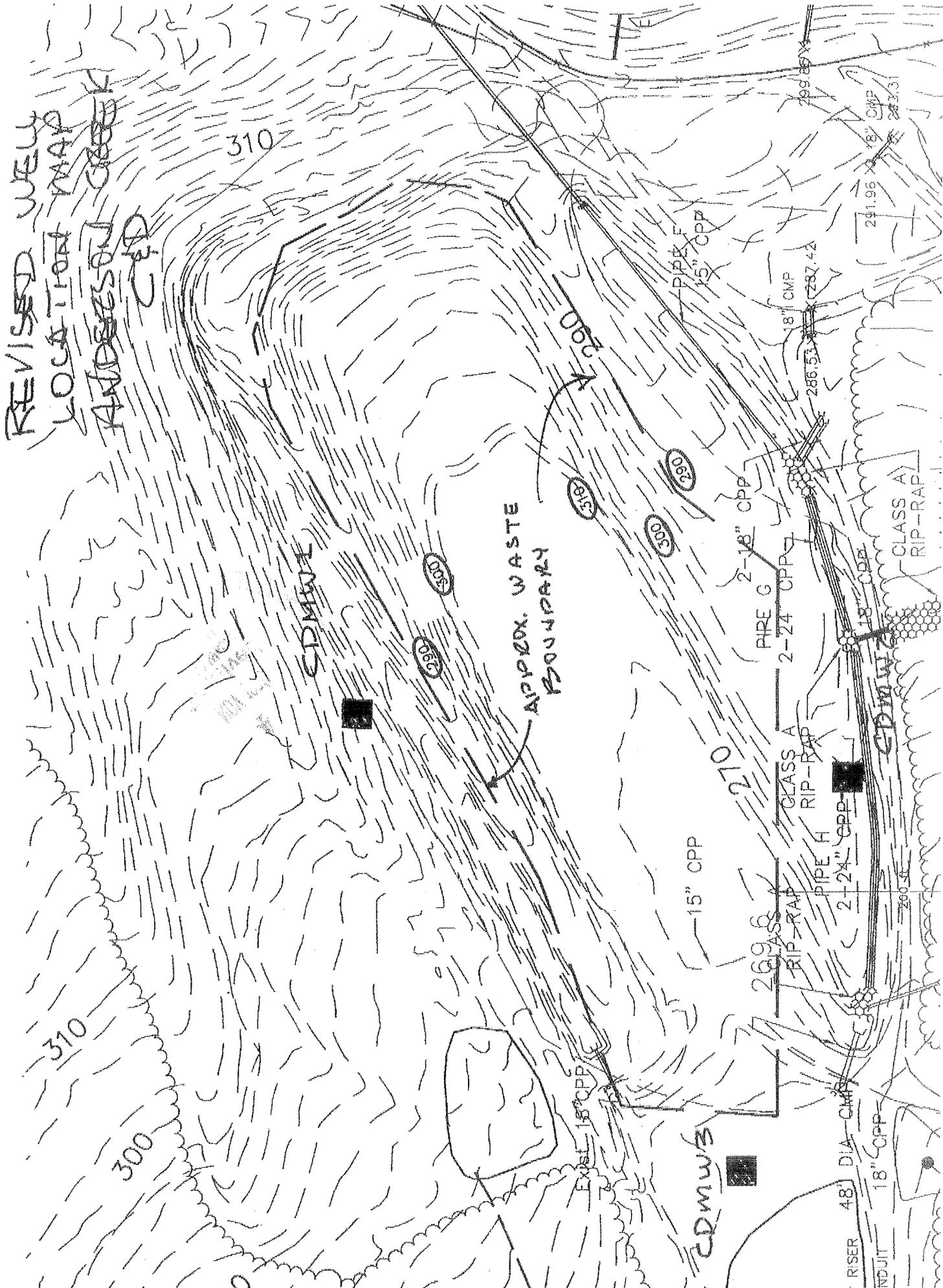
Jim - Attached please find a sketch of proposed locations for And. Crk. Mont. Wells. The problem may be in locating the down gradient well (west) of the cell. This well cannot be located very far from the waste and still not get into the pond. This area is also wet a great deal of the time. It may be impossible to logistically locate the well above the surface water runoff. We may need to field locate the well and then get approval of the location from NCDEHNR prior to installation.

I believe the info on well schematic, screening etc . is in Section 8 of the application. Do you need more information?

ATTENTION

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OF/OR AGENT RESPONSIBLE TO DELIVER IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. WE WILL REIMBURSE YOU FOR ANY COSTS INCURRED.

REVISED WELL
LOCATION MAP
ANDERSON CREEK
CDP



SCALE 1" = 100'



LETTER OF TRANSMITTAL

DATE: 7-16-96	
PROJECT NO:	TASK NO:
RE: Anderson Creek	
Hydrogeologic Cross Sections	
TRANSMITTAL NO:	PAGE OF

TO: Bobby Luffy & Jim Bateson
NCDEHNR - Solid Waste Section
ATTENTION:

WE ARE SENDING: Originals Prints Shop Drawings Samples
 Specifications Calculations Other - _____

Quantity	Drawing No.	Rev.	Description	Status
1	NA		Map showing cross sections through waste area and pile shape	C
1	1 of 2		Plan View of Hydro Cross Sections	C
1	3 of 3		Cross Sections BB' & CC'	C

Issue Status Code: A. Preliminary B. Fabrication Only C. For Information D. Bid
 E. Construction F. For Review & Comments G. For Approval H. See Remarks

Action Status Code: 1. No Exceptions Taken 2. Make Corrections Noted 3. Other
 4. Amend & Resubmit 5. Rejected - See Remarks

REMARKS Preliminary fence diagrams and C&D layout as discussed for your review.

Let me know what you think about this approach so we can continue with application. Thanks

5625 DILLARD ROAD, SUITE 117, CARY, NC 27511 919/233-8091 FAX 919/ 233-8031

CC:

McKIM & CREED ENGINEERS, PA

Signed

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director



Mr. Tom Wainwright, P.E.
McKim and Creed Engineers, P.A.
5625 Dillard Road
Cary, NC 27511

RE: Proposed Anderson Creek C&D Landfill
Harnett County; Permit #43-03

Dear Mr. Wainwright,

Based on our site visit of July 11, 1996 and the plans you delivered yesterday, the Solid Waste Section feels that a construction and demolition landfill to be sited in the former borrow area can be designed to meet the applicable Solid Waste Management Rules, and that the preliminary design is generally acceptable.

Please contact Mr. Jim Barber at the Fayetteville Regional Office before finalizing the permit application. He has some questions about the management of surface water and drainage at the site.

I will be on vacation until July 30th. After that date, please feel free to call me at the Solid Waste Section, (919) 733-0692, ext. 342, if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Jim Bateson". The signature is written in a cursive, flowing style.

Jim Bateson
Hydrologist
Solid Waste Section

cc: Bobby Lutfy; Solid Waste Section
Jim Barber; "



March 12, 1996

M&C 0304-0012.0R(13)

Mr. Jim Bateson
Hydrogeologist, Solid Waste Section
NCDEHNR, Division of Solid Waste Management
P.O. Box 27687
Raleigh, North Carolina 27611-7687

ENGINEERS

SURVEYORS

ARCHITECTS

PLANNERS

RE: Monitoring Well Installation - Closed Out Cells
Anderson Creek Construction and Demolition Landfill
Harnett County, North Carolina

Dear Mr. Bateson:

This letter requests the installation of two new monitoring wells at the Anderson Creek Landfill. These are being installed at the request of NCDEHNR in connection with the closure of the old cells. The location of the wells are shown on the attached map, as discussed in our December 19, 1995 meeting.

The wells will be installed under the supervision of a North Carolina licensed geologist and in accordance with NCDEHNR's regulations. It is our understanding that prior to installation, NCDEHNR will transmit any specifics for well installation that are currently required.

We would like to begin the field work for these installations by March 25, 1996 therefore your expedient review of this request is greatly appreciated.

In addition to these two wells we are also planning the installation of several other wells at the landfill in conjunction with the proposed C & D application. This information was transmitted to you in a letter dated January 3, 1996. Although verbal permission was granted by your office on, or about, January 11, 1996 to proceed with the work plan, could you provide written acknowledgment and include any specifications required for these wells as necessary.

Included with this request is a sketch showing the location of the two monitoring wells as discussed in that December 19, 1995 meeting.

Should you have any questions regarding this request, please don't hesitate to contact me.

Sincerely,

McKIM & CREED ENGINEERS, P.A.

A handwritten signature in black ink that reads "Tom Wainwright". The signature is written in a cursive, flowing style.

Tom Wainwright, P.E.
Project Engineer

cc: Mark P. Ashness, P.E. - Project Manager

Attachments: Figure 1

SUITE 117

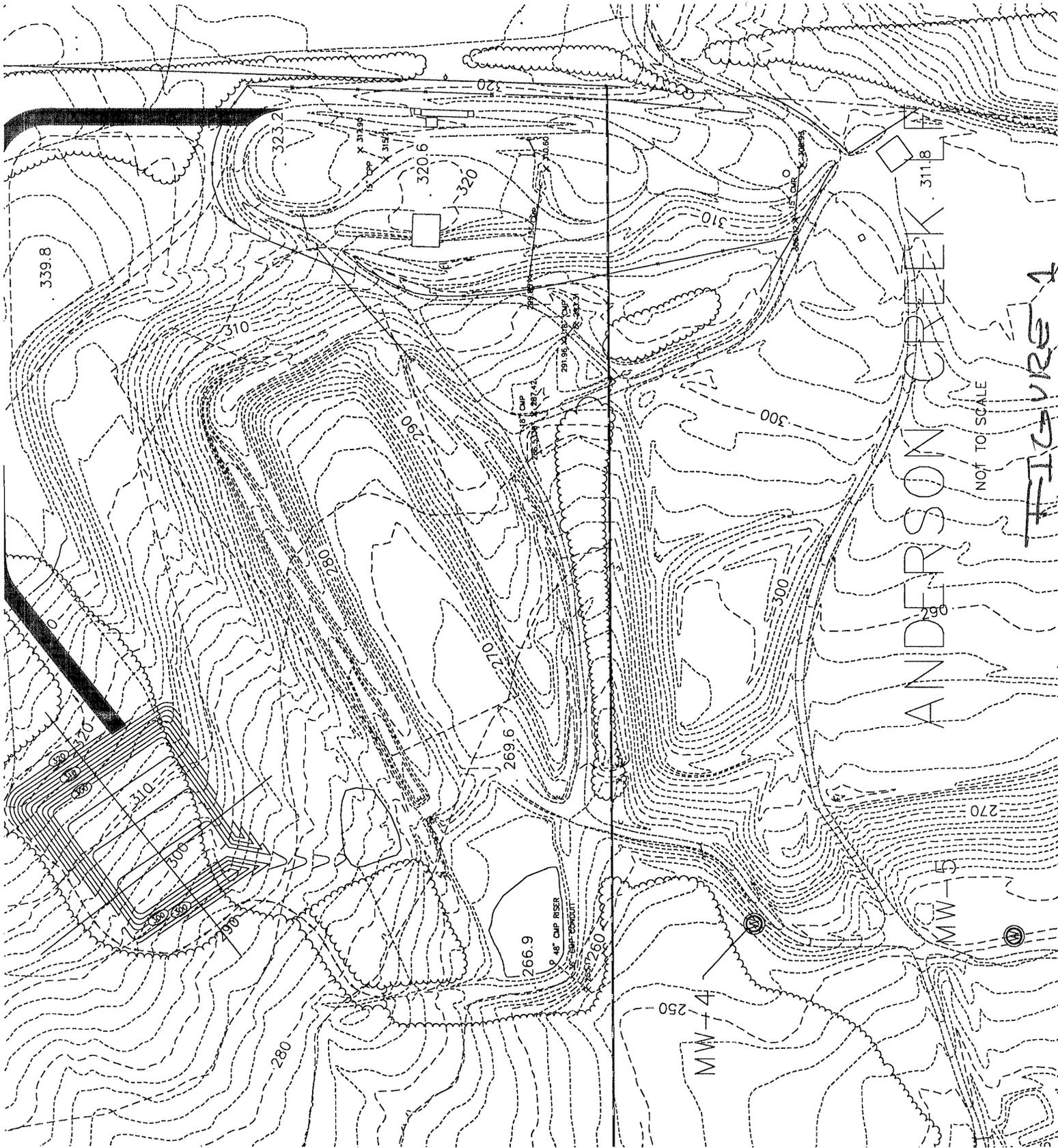
BUILDING I

5625 DILLARD ROAD

CARY, NC 27511

PHONE 919/233-8091

FAX 919/233-8031



ANDERSON CREEK

NOT TO SCALE

FIGURE 4

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 7
To TOM WAINWRIGHT	From JIM BATESON	
Co. MCKIM & CREED	Co. SOLID WASTE	
Dept.	Phone# 733-0692 x342	
Fax# 233-8031	Fax #	

LINK

March 13, 1996

Mr. Tom Wainwright
McKim and Creed Engineers, P.A.
5625 Dillard Road, Suite 117
Cary, NC 27511

RE: Site Suitability and Construction Plan Applications
Proposed C&D Landfill Unit
Anderson Creek Landfill; Permit #43-03

Dear Mr. Wainwright,

I have reviewed the proposal from McKim and Creed Engineers, P.A., dated January 3rd, 1996, for additional subsurface investigation at the Anderson Creek landfill. The four Type II wells, four piezometers, and two hand auger piezometers proposed in the letter meet the needs for further information to site and design the proposed C&D unit, as discussed during our December 19, 1995 meeting.

At this stage of the application process, the Solid Waste Section cannot grant final approval for a proposed water quality monitoring system for the unit. However, if exploratory borings are installed with the intent that they could serve as permanent monitoring wells, their installation must meet the following conditions:

1. The monitoring wells are to be constructed according to the specifications in the North Carolina Well Construction Standards (15A NCAC 2C .0108) and as illustrated by the "Typical Monitoring Well Schematic" diagram enclosed.
2. The monitoring wells are to be placed in the approved locations in areas free of garbage, refuse or debris and in areas not subject to flooding.
3. The monitoring wells are to be drilled to a depth, and the screens placed at vertical locations, that will ensure that future drought conditions, which may lower the water table, will not render the monitoring system ineffective.
4. Shallow monitoring wells are to be installed with a 15 foot screen with the top of the screen set just above the seasonal high water table, unless hydrogeologic conditions justify changes in this design. Tops of screens need to be set at least five feet below ground surface to allow adequate seal from surface water

Mr. Tom Wainwright
Proposed Anderson Creek C&D Landfill
Permit #43-03
March 13, 1996
Page 2

infiltration, even though this might result in screen tops being slightly below the water table in those locations with shallow ground water.

5. The sand pack should extend no more than two feet above and one foot below the screen. A bentonite seal of at least one foot thickness should be installed above the screened interval and be allowed adequate time to hydrate prior to grouting the remaining annular space.
6. Monitoring wells are to be thoroughly developed after construction to reduce suspended solids and to establish equilibrium with the aquifer.
7. In addition to the water quality analytical data, the initial sampling report must include the following information for each new monitoring well: a well completion record, well schematic diagram, and the boring log.

If you have any questions or comments regarding this letter, please contact me at the Solid Waste Section at (919) 733-0692, extension 342.

Sincerely,



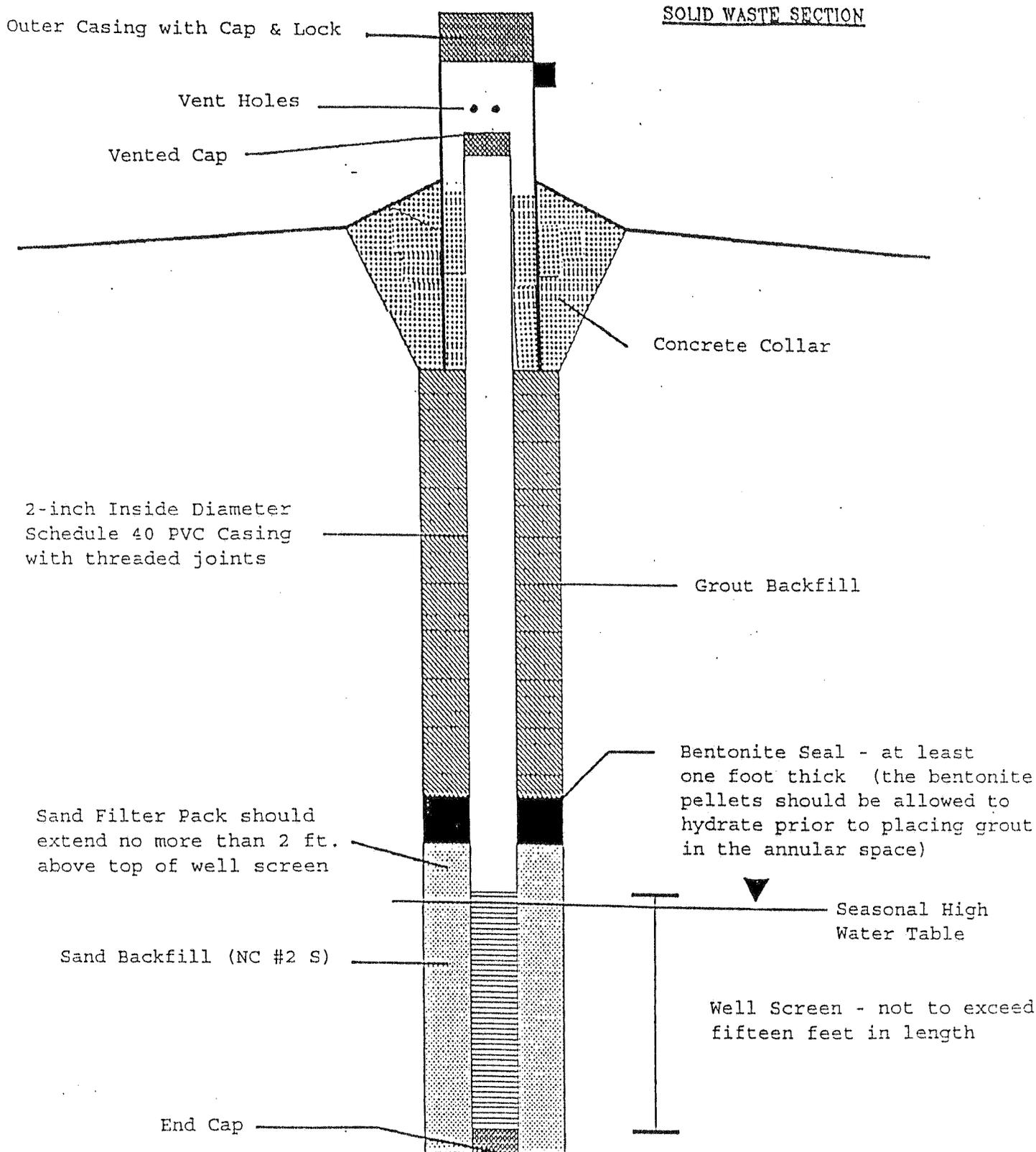
Jim Bateson
Hydrogeologist,
Solid Waste Section

cc: Jerry Blanchard Harnett County
Jim Barber; Solid Waste Section
Bobby Lutfy: "

Figure 1

DRAFT

TYPICAL MONITORING WELL SCHEMATIC



State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director



March 13, 1996

Mr. Jerry Blanchard
Harnett County Office Building
Lillington, NC 27546

RE: Water Quality Monitoring at Closed Sanitary Landfill Units
Anderson Creek Landfill; Permit #43-03

Dear Mr. Blanchard,

I have reviewed a proposal from McKim and Creed Engineers, P.A., dated March 12, 1996, for installation of two monitoring wells at the Anderson Creek landfill. As located on their accompanying sketch, the two proposed wells will satisfy the need for upgrading the monitoring system for final closure of the sanitary landfill units at the facility. This letter serves as authorization from the Solid Waste Section for Harnett County to install the two monitoring wells as proposed in the March 12 letter.

A final closure letter will be issued next week by the Solid Waste Section for the sanitary landfill units of the above referenced landfill. Installation and sampling of the new wells within sixty days of the date of the closure letter will be listed as a condition of closure.

Monitoring system installation must meet the following conditions:

1. The monitoring wells are to be constructed according to the specifications in the North Carolina Well Construction Standards (15A NCAC 2C .0108) and as illustrated by the "Typical Monitoring Well Schematic" diagram enclosed.
2. The monitoring wells are to be placed in the approved locations in areas free of garbage, refuse or debris and in areas not subject to flooding.
3. The monitoring wells are to be drilled to a depth, and the screens placed at vertical locations, that will ensure that future drought conditions, which may lower the water table, will not render the monitoring system ineffective.
4. Shallow monitoring wells are to be installed with a 15 foot screen with the top of the screen set just above the seasonal high water table, unless hydrogeologic conditions justify changes in this design. Tops of screens need to be set at least five feet below ground surface to allow adequate seal from surface water

Mr. Jerry Blanchard
Anderson Creek Landfill
Permit #43-03
March 13, 1996
Page 2

infiltration, even though this will result in screen tops being slightly below the water table in those locations with shallow ground water.

5. The sand pack should extend no more than two feet above and one foot below the screen. A bentonite seal of at least one foot thickness should be installed above the screened interval and be allowed adequate time to hydrate prior to grouting the remaining annular space.
6. Monitoring wells are to be thoroughly developed after construction to reduce suspended solids and to establish equilibrium with the aquifer.
7. In addition to the water quality analytical data, the initial sampling report must include the following information for each new monitoring well: a well completion record, well schematic diagram, and the boring log.

I have attached a copy of the *Sampling and Analysis Requirements for Construction and Demolition Landfills and Closed Sanitary Landfills* for your reference.

If you have any questions or comments regarding this authorization to upgrade the existing ground-water monitoring system, please contact me at the Solid Waste Section at (919) 733-0692, extension 342.

Sincerely,



Jim Bateson
Hydrogeologist,
Solid Waste Section

cc: Tom Wainwright McKim and Creed
Jim Barber; Solid Waste Section
Bobby Lutfy: "



McKIM & CREED

March 12, 1996

Mr. Jim Bateson
Hydrogeologist, Solid Waste
NCDEHNR, Division of Solid
P.O. Box 27687
Raleigh, North Carolina 27611-7687

Post-it® Fax Note	7671	Date	3-13-96	# of Pages	2
To	Jim Bateson	From	Tom Wainwright		
Co./Dept.		Co.			
Phone #		Phone #	233-0091		
Fax #	733-4810	Fax #			

ENGINEERS

SURVEYORS

ARCHITECTS

PLANNERS

RE: Monitoring Well Installation - Closed Out Cells
Anderson Creek Construction and Demolition Landfill
Harnett County, North Carolina

Dear Mr. Bateson:

This letter requests the installation of two new monitoring wells at the Anderson Creek Landfill. These are being installed at the request of NCDEHNR in connection with the closure of the old cells. The location of the wells are shown on the attached map, as discussed in our December 19, 1995 meeting.

The wells will be installed under the supervision of a North Carolina licensed geologist and in accordance with NCDEHNR's regulations. It is our understanding that prior to installation, NCDEHNR will transmit any specifics for well installation that are currently required.

We would like to begin the field work for these installations by March 25, 1996 therefore your expedient review of this request is greatly appreciated.

In addition to these two wells we are also planning the installation of several other wells at the landfill in conjunction with the proposed C & D application. This information was transmitted to you in a letter dated January 3, 1996. Although verbal permission was granted by your office on, or about, January 11, 1996 to proceed with the work plan, could you provide written acknowledgment and include any specifications required for these wells as necessary.

Included with this request is a sketch showing the location of the two monitoring wells as discussed in that December 19, 1995 meeting.

Should you have any questions regarding this request, please don't hesitate to contact me.

Sincerely,

McKIM & CREED ENGINEERS, P.A.

Tom Wainwright, P.E.
Project Engineer

cc: Mark P. Ashness, P.E. - Project Manager

Attachments: Figure 1

SUITE 117

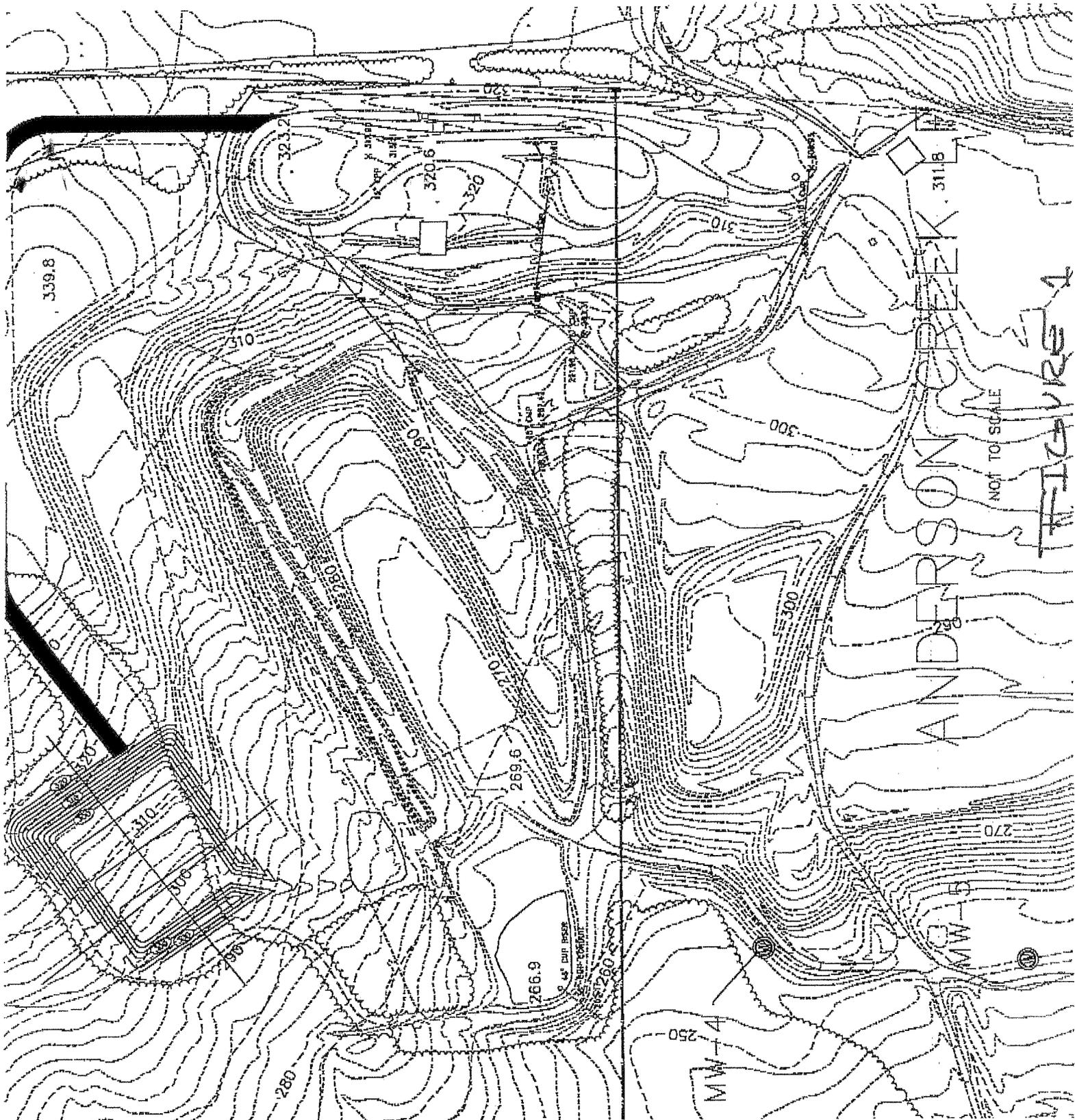
BUILDING 1

5625 DILLARD ROAD

CARY, NC 27514

PHONE 919/233-8091

FAX 919/233-8031



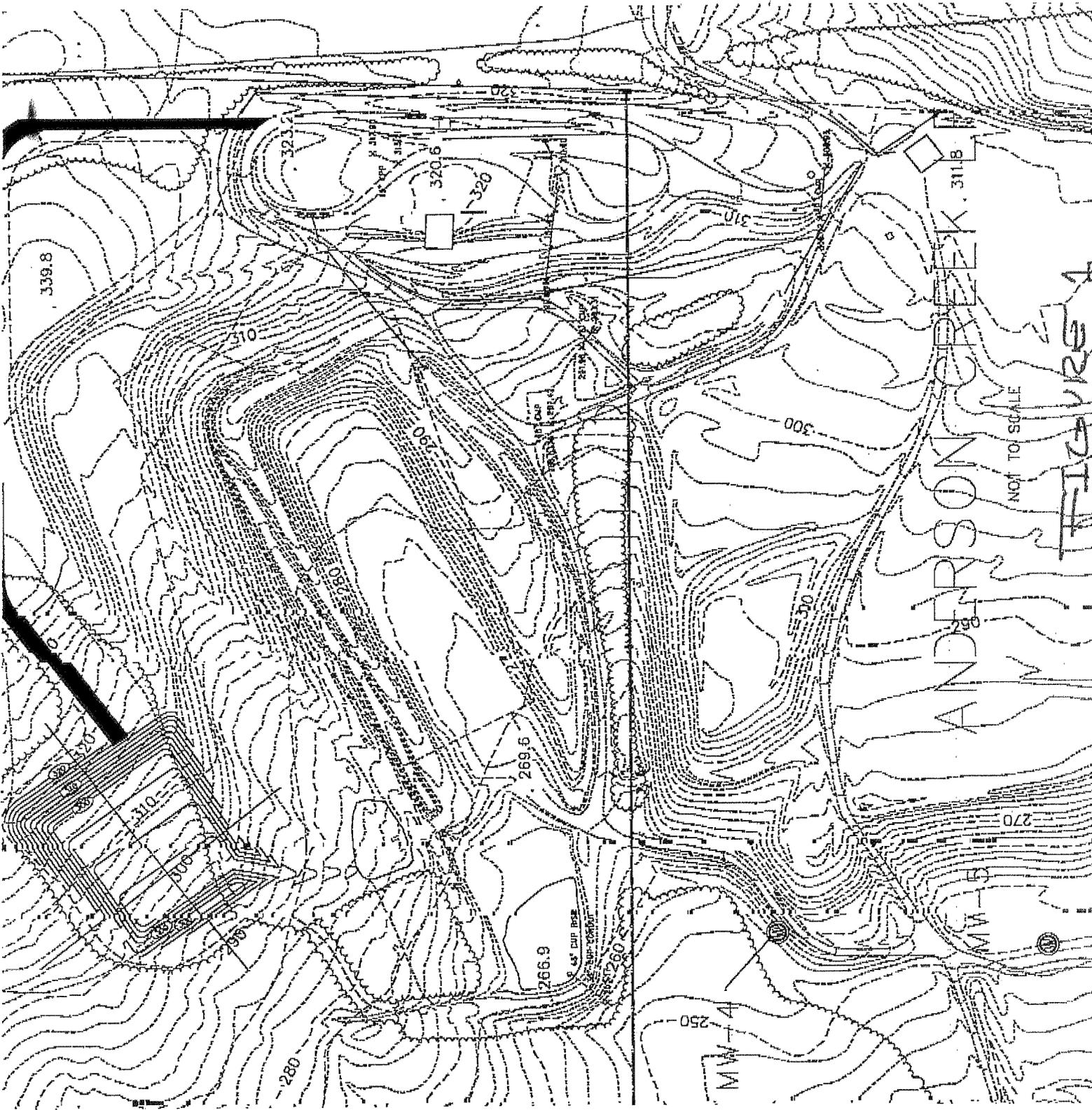
03/13/96

11:45

8182338031

McKIM & CREED/RL

W0002



ANDERSON CREEK

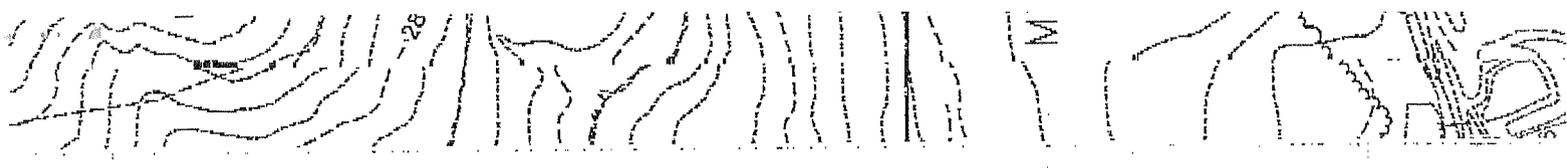
NOT TO SCALE

FIGURE 1

MW-4

MW-5

MW-6



28

M





January 3, 1996

M&C 0304-0012.0R(13)

ENGINEERS

SURVEYORS

ARCHITECTS

PLANNERS

Mr. Jim Bateson
Hydrogeologist, Solid Waste Section
NCDEHNR, Division of Solid Waste Management
P.O. Box 27687
Raleigh, North Carolina 27611-7687

RE: Site Suitability and Permit to Construct Applications
Anderson Creek Construction and Demolition Landfill
Harnett County, North Carolina

Dear Mr. Bateson:

This letter is a follow-up to our meeting of December 19, 1995 and your letters of December 8 and 28, 1995. Enclosed please find Figure 1. Figure 1 is taken from Sheet C3 of the Site Suitability Application for the Anderson Creek Construction and Demolition (C&D) Landfill in Harnett County. The proposed monitoring wells and piezometers are located on Figure 1 based on our understanding from our December 19, 1995 meeting.

We will be coordinating a proposed action plan with a geologist to complete the requirements of both the Site Suitability and Permit to Construct Applications as defined in your letters of December 8 and 28, 1995. Please take a moment to review Figure 1 to confirm our understanding of the location of the proposed piezometers and monitoring wells only. Screen depths and intervals as well as all related hydrogeologic data will be submitted during the application process as previously discussed.

Please review Figure 1 and get back to me with any comment you may have. Your assistance in this matter is greatly appreciated. Thanks again for your time.

Sincerely,

McKIM & CREED ENGINEERS, P.A.

A handwritten signature in dark ink, appearing to read "Tom Wainwright", is written over the typed name.

Tom Wainwright, P.E.
Project Engineer

SUITE 117

BUILDING I

5625 DILLARD ROAD

CARY, NC 27511

PHONE 919/233-8091

FAX 919/233-8031

cc: Mark P. Ashness, P.E. - Project Manager

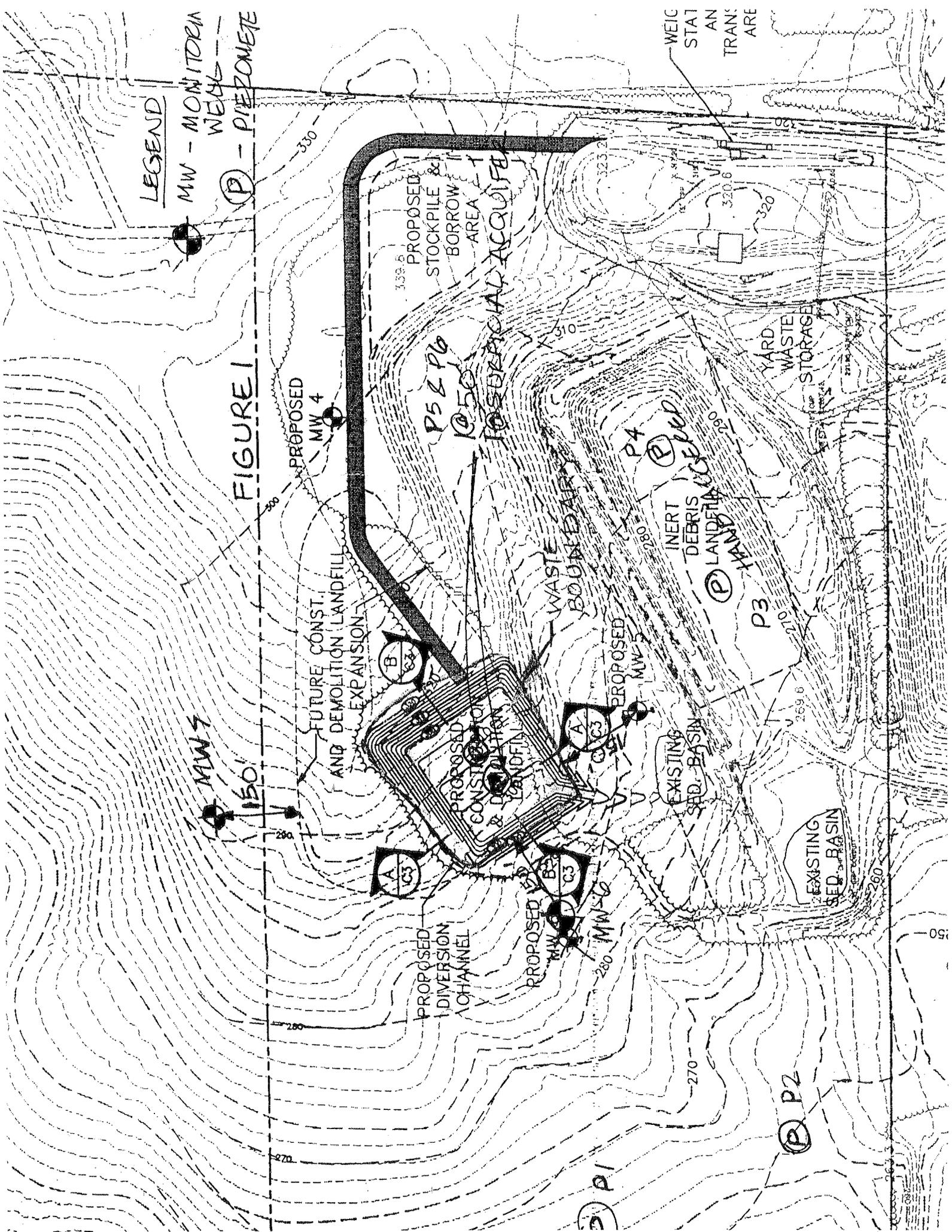
Attachments: Figure 1

LEGEND

MW - MONITORING WELLS

P - PIEZOMETRE

FIGURE I



WEIC
STAT
AN
TRAN
ARE

P2

P1

MW 1

PROPOSED
MW 4

PROPOSED
MW 5

PROPOSED
MW 6

PROPOSED
MW 3

PROPOSED
MW 2

P5 & P6
@ 50'

P4

P3

P2

P1

FIGURE I

