



**US Army Corps  
of Engineers**  
Louisville District ®

# Public Notice

Public Notice No.  
LRL-2015-684-lae

Open Date:  
3 Nov 2015

Close Date:  
3 Dec 2015

Please address all comments and inquiries to:  
U.S. Army Corps of Engineers, Louisville District  
ATTN: Ms. Leslie Estill; CELRL-OPF-W, Rm 752  
P.O. Box 59  
Louisville, Kentucky 40201-0059

Phone: (502)315-6711

This notice announces an application submitted for a Department of the Army (DA) Permit, subject to Section 10 of the Rivers and Harbors Act of 1899:

APPLICANT: Hunter Sand & Gravel, LLC  
P.O. Box 3490  
Paducah, Kentucky 42002

AGENT: Manley Brothers, LLC  
200 Benton Street  
Valley Park, Missouri 63088

LOCATION: From Ohio River mile 950.6 to 951.1 on the left  
descending bank, 700 feet off the Kentucky  
shoreline in McCracken County, Kentucky.

Latitude: 37.19308  
Longitude: -88.84465  
7.5 Minute Quad: Joppa, Illinois - Kentucky

PURPOSE: To fleet barges and vessels associated with the  
applicant's commercial sand and gravel operation.

DESCRIPTION OF WORK: The applicant proposes to have two separate fleets of vessels moored by drag anchors. Each fleet would have a maximum configuration of three barges long (600') and four barges wide (140'), for a total of twelve barges per fleet. Each fleet would have a captive barge moored to the stream bed by two 15-ton anchors each with 2½ inch mooring chains. The upstream fleet located in shallower water would consist of empty barges and the downstream fleet located in deeper water would consist of barges loaded with sand and gravel. See attached Figures 1 through 5.

The fleets would be considered permanent structures and are only proposed to be taken out of the river when necessary during rare circumstances. Examples of such circumstances includes extremely high river levels and floating ice on the river. If the fleets are taken out of the river for such circumstances, they would be put back in place after the conditions requiring their removal have passed.

REVIEW PROCEDURES: A DA Permit cannot be issued if any legally required Federal, State, or local authorization or certification is denied.

Copies of this notice are sent to the appropriate Federal and State Fish and Wildlife Agencies. Their views and comments are solicited in accordance with the Fish and Wildlife Coordination Act of 1956. Based on available information, the proposed activity will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time. Protected mussel species are extremely unlikely due to recent dredging within the proposed fleeting area in 2015 and 2012. Hunter Sand & Gravel, LLC completed this dredging work with authorization under DA permit No. LRL-2011-62.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. A request for a public hearing must state the specific interest which might be damaged by issuance of the DA Permit.

It has been determined that there are no properties currently listed on the National Register of Historic Places which would be directly affected by the proposed work. If we are made aware, as a result of comments received in response to this notice, or by other means, of specific archaeological, scientific, prehistorical, or historical sites or structures which might be affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 - Public Law 89-665 as amended (including Public Law 96-515).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered; among those are conservation, economics, aesthetic values, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production, and in general, the needs and welfare of the public.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. It is presumed that all interested parties and agencies will wish to respond; therefore, a lack of response will

Operations Division  
Regulatory Branch (West)  
Public Notice No. LRL-2015-684-lae

be interpreted as meaning that there is no objection to the proposed project. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Written statements received in this office on or before the closing date will become a part of the official record and will be considered in the determination on this permit request. Any objections which are received during this period will be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. A permit will be granted unless its issuance is found to be contrary to the public interest.

Information pertaining to this application is available for public examination during normal business hours upon prior request. Drawings are available on Louisville District's Internet site at <http://www.lrl.usace.army.mil/Missions/Regulatory.aspx>. All comments regarding this proposal should be addressed to Ms. Leslie Estill; CELRL-OPF-W at the address noted above and should refer to the Public Notice Number LRL-2015-684-lae.

If you desire to submit your comments by email, you must comply with the following:

a) In the subject line of your email, type in **ONLY** the Public Notice ID No. LRL-2015-684-lae.

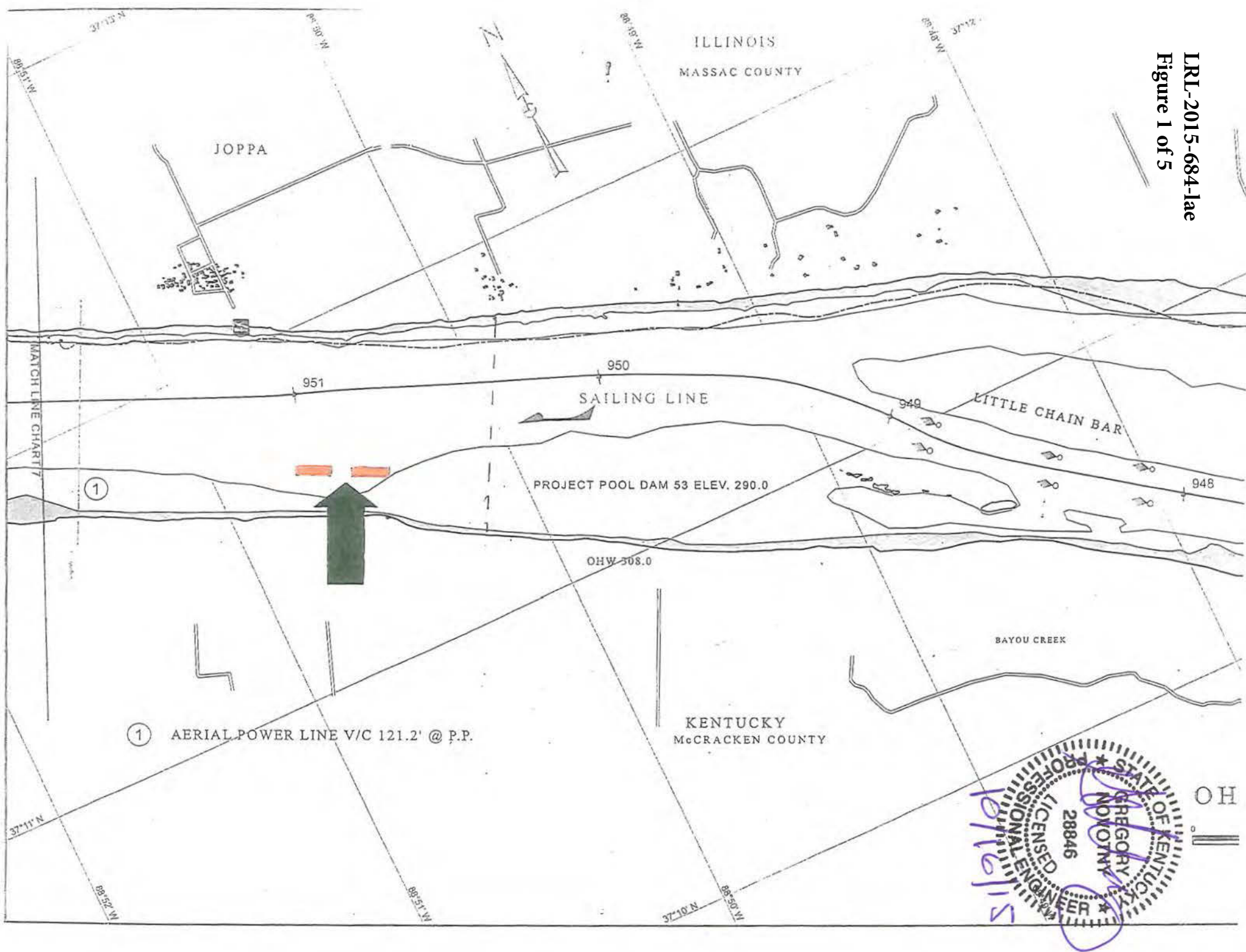
Example:

Subject: LRL-2015-684-lae

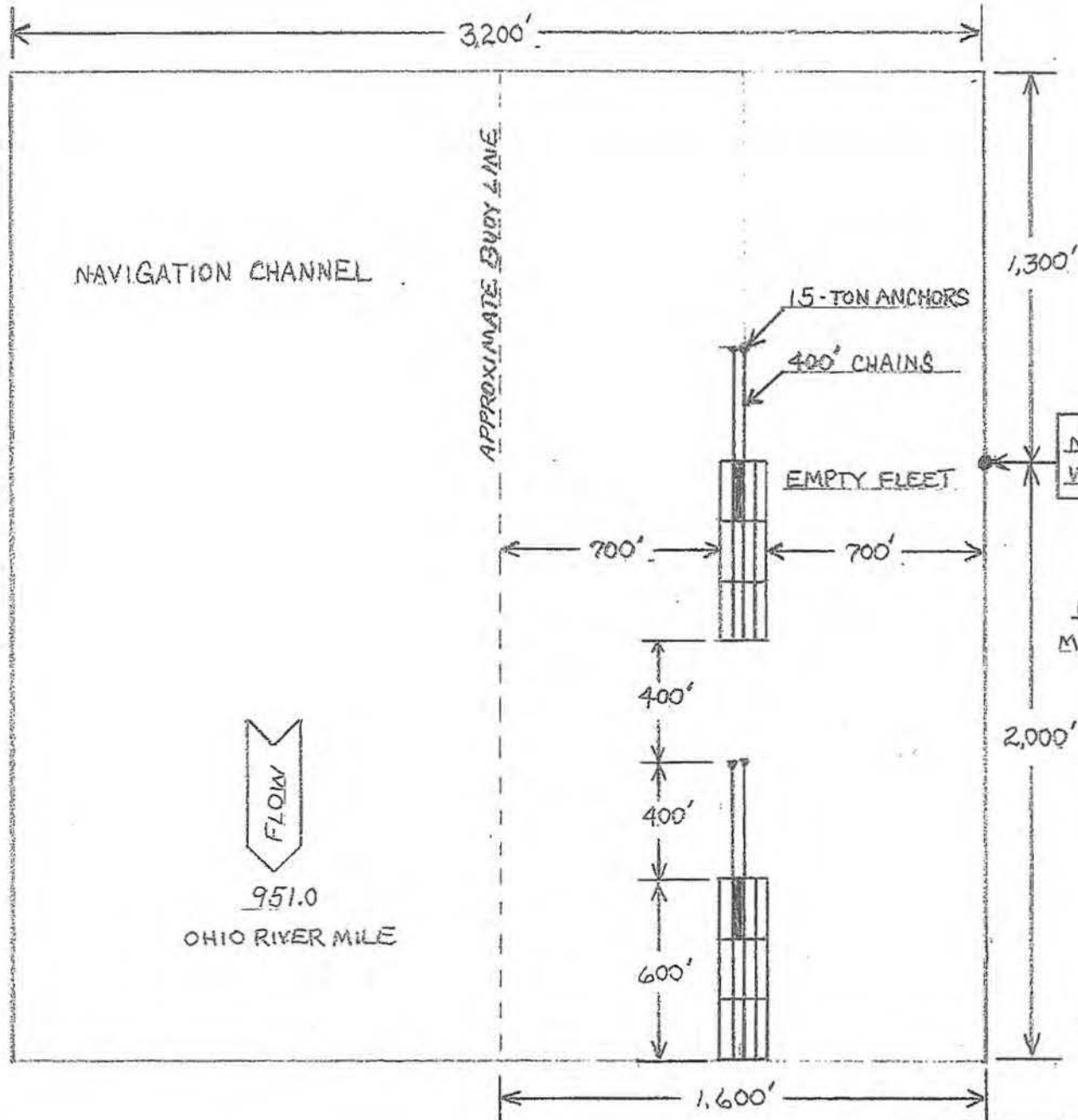
b) Provide your physical mailing address and telephone number.

c) Send your email to: [lrl.regulatorypubliccomment@usace.army.mil](mailto:lrl.regulatorypubliccomment@usace.army.mil).

d) If you are sending attachments greater than 1 Mb in size with your email, you must send a hard copy (CD or paper) to the Corps' physical address as well.



ILLINOIS  
MASSAC COUNTY



N 37° 11' 22.31"  
W 88° 50' 27.81"

KENTUCKY  
McCRACKEN COUNTY

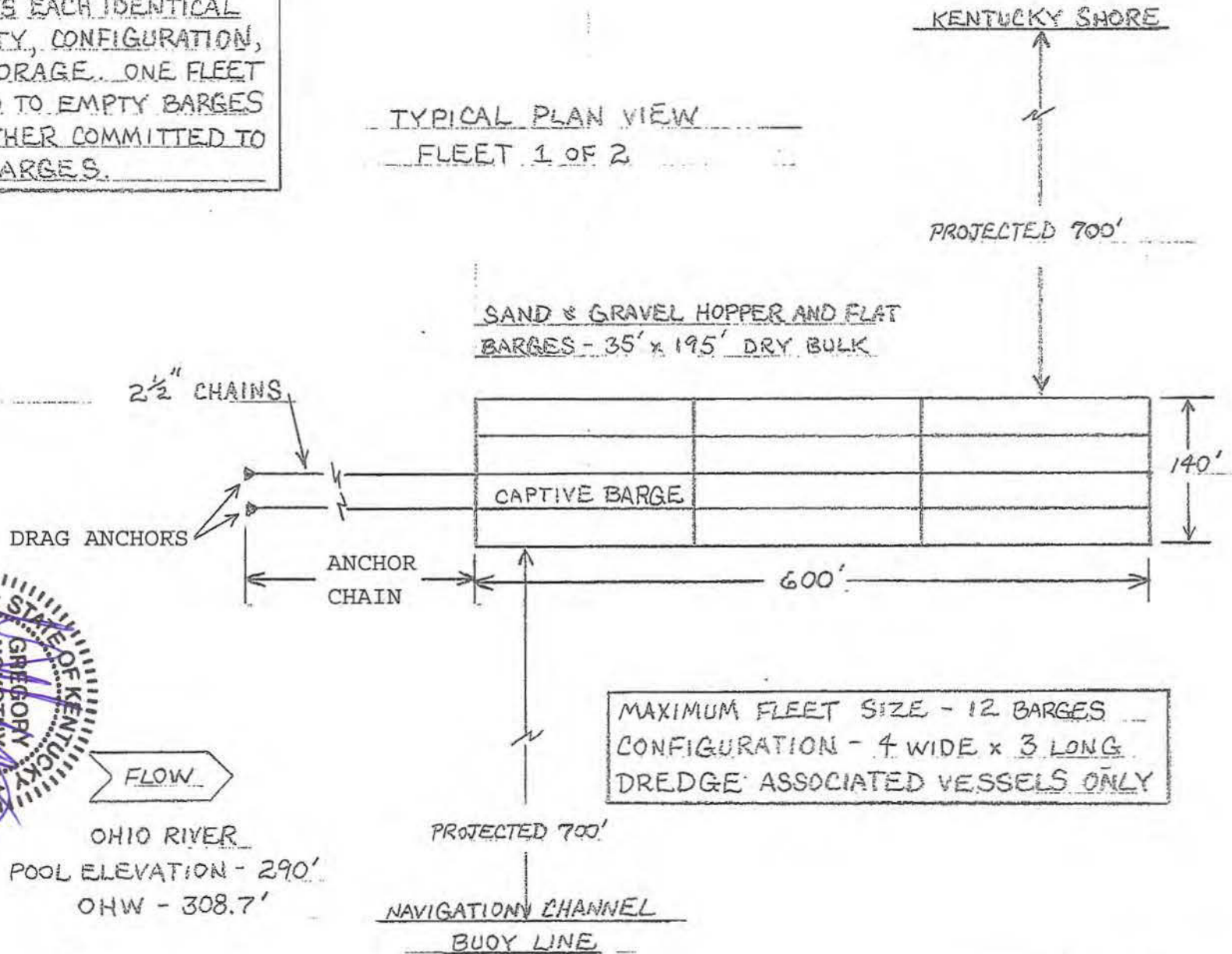
HUNTER SAND & GRAVEL, LLC  
DREDGE FLEET CONFIGURATION  
MAY 26, 2015 DRN. R. STONE

SCALE  $\frac{3}{16}" = 100'$



TWO FLEETS EACH IDENTICAL  
IN CAPACITY, CONFIGURATION,  
AND ANCHORAGE. ONE FLEET  
COMMITTED TO EMPTY BARGES  
AND THE OTHER COMMITTED TO  
LOADED BARGES.

TYPICAL PLAN VIEW  
FLEET 1 OF 2



MAXIMUM FLEET SIZE - 12 BARGES  
CONFIGURATION - 4 WIDE x 3 LONG  
DREDGE ASSOCIATED VESSELS ONLY

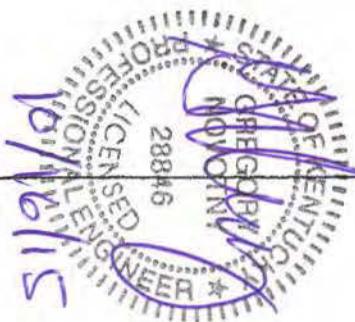
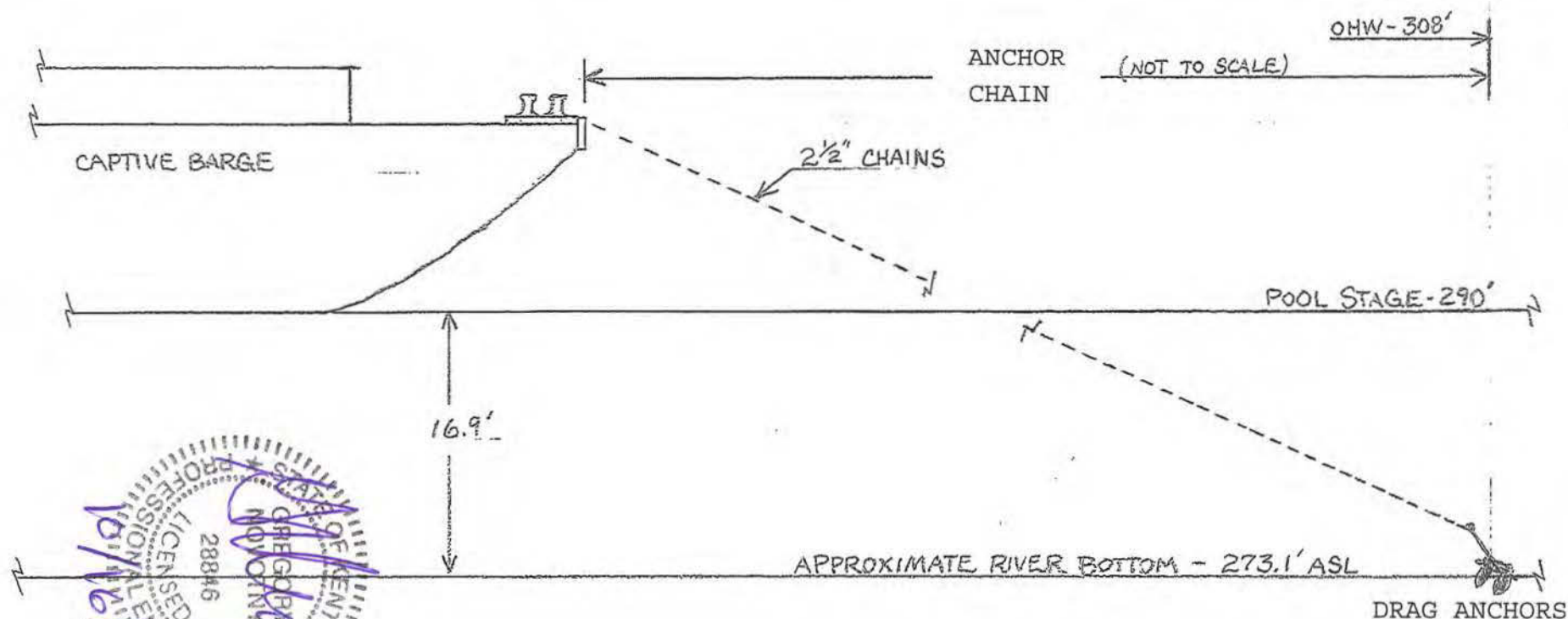
HUNTER SAND & GRAVEL  
DREDGE FLEET PLAN  
MAY 22, 2015 DRN. R. STONE

SCALE 3/4" = 100'

ALL APPLICABLE BARGE DECK  
FITTINGS MEET OR EXCEED  
INDUSTRY STANDARDS

ANCHOR BARGE APPLICABLE DECK  
FITTINGS ARE REINFORCED WITH  
DOUBLE THICKNESS BASE PLATES

THOSE PORTIONS OF THE BARGE  
HEADLOG SUBJECT TO WEAR OR  
STRESS FROM CHAINS ARE ALSO  
DOUBLE THICKNESS PLATED.



SCALE 1" = 10'

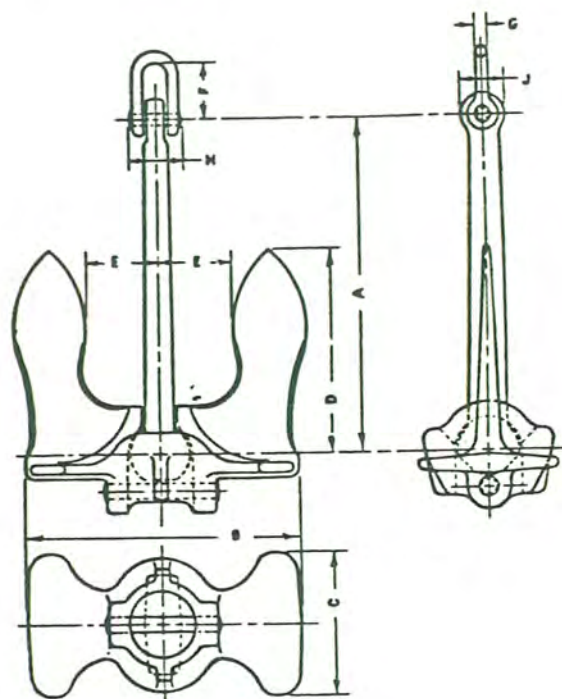
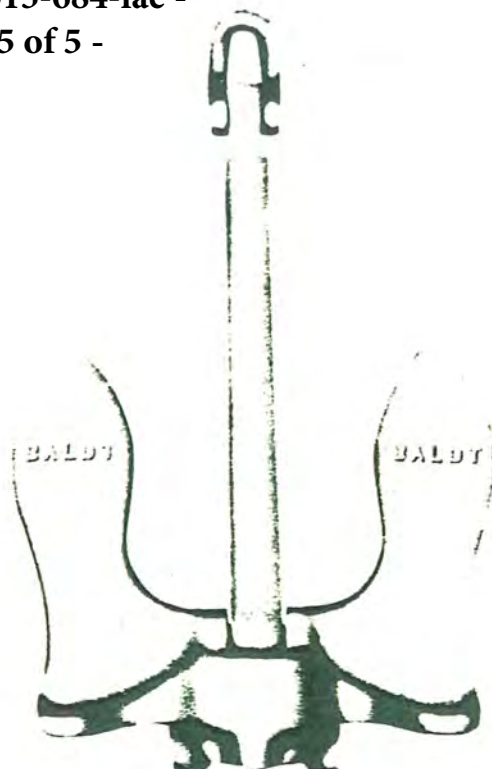
HUNTER SAND & GRAVEL, LLC  
CHAIN-ANCHOR CONFIGURATION  
MAY 22, 2015 DRN. R. STONE



# BALDT. STOCKLESS ANCHOR

LRL-2015-684-lae -

Figure 5 of 5 -



Anchor Weight	Head No.	Shank No.	A	B	C	D	E	F	G	H	J	Proof Test
200	2	2	27	18	9 1/2	15 1/2	5 1/2	5 1/2	1	5	4	8300
300	4	3	32	23 1/2	11 1/2	17 1/2	6 1/2	5 1/2	1	5	4 1/2	10900
400	6	3	32	25 1/2	13	19	7	5 1/2	1	5	4 1/2	13000
500	8	4	35	26 1/2	14	20	7	7	1 1/2	6	5 1/2	15000
700	12	5	38	29 1/2	15 1/2	23 1/2	8 1/2	7	1 1/2	6	5 1/2	18700
775	13	5	38	32	16 1/2	24 1/2	8 1/2	7	1 1/2	6	5 1/2	20050
900	15	7	42	32	17	24	9	7 1/2	1 1/2	6 1/2	6 1/2	22300
1000	16	7	42	33 1/2	18	25 1/2	9 1/2	7 1/2	1 1/2	6 1/2	6 1/2	24100
1260	18	8	46	36 1/2	18 1/2	28 1/2	9 1/2	8 1/2	1 1/2	7 1/2	6 1/2	28800
1430	20	9	49	39	20	28 1/2	10 1/2	9 1/2	2	8 1/2	7	31700
1540	21	9	49	40	20 1/2	30 1/2	11	9 1/2	2	8 1/2	7	33600
1600	22	9	49	40	20 1/2	30 1/2	11	9 1/2	2	8 1/2	7	34600
1750	23	10	52	41 1/2	21	33 1/2	11 1/2	9 1/2	2	8 1/2	7 1/2	37150
1875	24	10	52	43	22	34 1/2	12	9 1/2	2	8 1/2	7 1/2	38400
1950	25	10	52	43	22	34 1/2	12	9 1/2	2	8 1/2	7 1/2	40550
2100	26	12	58	44 1/2	23	33 1/2	12 1/2	9 1/2	2	8 1/2	7 1/2	43050
2500	28	12	58	44 1/2	23 1/2	33 1/2	12 1/2	9 1/2	2	8 1/2	7 1/2	49650
2800	30	12	58	48	25	35 1/2	13	9 1/2	2	8 1/2	7 1/2	54500
3000	31	14	64	47	25 1/2	36	12 1/2	12	2 1/2	10	8 1/2	57700
3500	33	14	64	52 1/2	27 1/2	39 1/2	14 1/2	12	2 1/2	10	8 1/2	65200
4000	35	15	70 1/2	53 1/2	27 1/2	39 1/2	14 1/2	12	2 1/2	10	9 1/2	72600
4500	37	15	70 1/2	56 1/2	29	42	15	12	2 1/2	10	9 1/2	79700
5000	39	18	76	57 1/2	30	42	15 1/2	15	3	12	10 1/2	86500
6000	43	18	76	63 1/2	33 1/2	47	17 1/2	15	3	12	10 1/2	99100

Anchor Weight	Head No.	Shank No.	A	B	C	D	E	F	G	H	J	Proof Test
6300	44	18	76	63 1/2	33 1/2	47	17 1/2	15	3	12	10 1/2	102700
6500	45	20	82	63 1/2	33	47 1/2	17 1/2	15	3	12	10 1/2	105100
6750	46	20	82	65	33 1/2	48 1/2	17 1/2	15	3	12	10 1/2	107900
7000	47L	20	82	66 1/2	34 1/2	49 1/2	18	15	3	12	10 1/2	110700
7600	48	20	82	67 1/2	34 1/2	49 1/2	18 1/2	15	3	12	10 1/2	117300
8100	49	22	93 1/2	66 1/2	34 1/2	48 1/2	18 1/2	17	3 1/2	13 1/2	11 1/2	122500
8600	50	22	93 1/2	68 1/2	35 1/2	50 1/2	18 1/2	17	3 1/2	13 1/2	11 1/2	127500
9000	51	23	96	70 1/2	36 1/2	51 1/2	19 1/2	17	3 1/2	13 1/2	11 1/2	131400
10000	53L	24	96	75 1/2	39	58	21	19	4	14 1/2	12	140400
11000	53H	24	96	75 1/2	39	58	21	19	4	14 1/2	12	148500
12000	56L	24	96	76 1/2	40	58	20 1/2	19	4	14 1/2	12	156100
13000	56	26	98	76 1/2	40	58	20 1/2	19	4	14 1/2	12	163500
14000	59	27	103	80 1/2	44	60	22 1/2	19	4	14 1/2	13	170500
15000	60	28	103	86	46	65	24	19	4	14 1/2	13	176800
16000	62	30	108	86	46	65	24	19	4	14 1/2	13	182800
18000	64	32	112	88 1/2	48 1/2	65 1/2	24 1/2	22	4 1/2	16 1/2	13	194200
18900	64H	32	112	88 1/2	48 1/2	65 1/2	24 1/2	22	4 1/2	16 1/2	13	198800
20000	66	34	112	96	50	72	26	22	4 1/2	16 1/2	14	204300
25000	67	35	120	103	53 1/2	77 1/2	28	22	4 1/2	16 1/2	15	227000
30000	69	37	128	110	57 1/2	82 1/2	29 1/2	24	5	18 1/2	16	247600
35000	70	38	135	116	60	87	31 1/2	25	5	19	17	265600
40000	71	39	140	121	63	91	32	26	5 1/2	20	17 1/2	278200
45000	72	40	147	126	65	94	34	27	5 1/2	21	18	287550
50000	73	41	152	131	68	99	35	28	6	21 1/2	19	292600

INTERMEDIATE SIZES AVAILABLE UPON REQUEST

Dimensions above are in inches, anchor weight in pounds. Certified drawings of anchors listed above, and of intermediate and larger sizes, will be furnished on request.



WASHINGTON CHAIN & SUPPLY, INC.