

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

TRANSCRIPT OF AUDIO FROM THE
FORT SEGARRA FLAMINGO BAY LANDFILL
AND TEST AREAS PROPOSED PLAN VIRTUAL MEETING

DATE: May 28, 2020

TRANSCRIBED BY: GUADALUPE B. RIFKIN, RPR
Notary Public, State of
Florida at Large

Pages 1 - 16

1 MS. WEST-BARNHILL: Hello. My name is
2 Donna West-Barnhill, and I'm with the U.S. Army
3 Corps of Engineers Formerly Used Defense Sites
4 Program.

5 Thank you for viewing the presentation for
6 the Fort Segarra Proposed Plan.

7 We do have some handouts that go with this
8 presentation, and we will be referring to them,
9 so be sure to download that file. You can find
10 it on the same website where you found the link
11 to this presentation.

12 This is our Agenda. There will be three of
13 us speaking, and we'll each introduce ourselves
14 as we go through the slides.

15 We'll spend a little bit of time talking
16 about the Formerly Used Defense Sites Program
17 and the history of Fort Segarra.

18 We'll talk about the previous
19 investigations and the current remedial
20 investigation.

21 We'll present the Proposed Plan,
22 recommendations, and we'll explain how you could
23 ask questions and comment on the Proposed Plan.

24 And now, I'll turn the presentation over to
25 Frank Araico.

1 MR. ARAICO: Thank you, Donna.

2 As Donna mentioned, my name is Frank
3 Araico. I am the Project Manager assigned to
4 the Fort Segarra Formerly Used Defense Sites on
5 the behalf of the U.S. Army Corps of Engineers.

6 On your screen right now you'll see an
7 image showing the property boundaries of the
8 Fort Segarra formerly used defense site. Those
9 who live on Water Island, of course, will
10 recognize Water Island. But just for proximity,
11 there across the bay you see Charlotte Amalie,
12 and off to the upper left or to the northwest,
13 you see the international airport.

14 You can see there in red, those are our
15 project boundaries, what we call Fort Segarra
16 Flamingo Bay Landfill and Test Areas.

17 I'd like to talk a little bit about the
18 program overview for the formerly used defense
19 sites. By definition, formerly used defense
20 site must have been owned, leased, or otherwise
21 possessed by the Department of Defense. And
22 this would also include the antecedents of the
23 Department of Defense, such as the War
24 Department. It must have been transferred from
25 Department of Defense ownership or lease prior

1 to October 17th, 1986.

2 Now, a lot of these slides you can read for
3 yourself, but you can see there our program
4 goal: To reduce risk through effective, legally
5 compliant, and cost-effective actions for
6 activities attributable to the Department of
7 Defense. That last sentence is really the most
8 important part. It must be attributable to the
9 Department of Defense or to the War Department
10 or to any of the military components. So we're
11 here to clean up any mess that we left behind,
12 not to clean up everybody else's messes.

13 We are proceeding under the CERCLA process.
14 And CERCLA is one of those many acronyms that
15 are out there. In this case it stands for the
16 Comprehensive Environmental Response
17 Compensation and Liability Act, now sometimes
18 called Superfund. Now, I should say that this
19 is not a Superfund site. Superfund sites are
20 basically the worst among the worst, and this is
21 not the situation here. But you see there a
22 layout of the CERCLA process, starting with the
23 Preliminary Assessment, Site Inspection and then
24 going into the Remedial Investigation and
25 Feasibility Study, which is where we are now,

1 taking us forward into a Proposed Plan. And the
2 Proposed Plan is what we're discussing. It's
3 the gist of this presentation. You can see
4 there there's a public involvement component to
5 all of those.

6 Now, in this site, and under these
7 circumstances, because we found nothing and we
8 found no risk to human health or the
9 environment, we did not conduct a feasibility
10 study. Had we found something, we would have
11 done a detailed feasibility study and outlined
12 the alternatives for remedial action.

13 Now, you can see here after the Proposed
14 Plan, we go forward into a Decision Document. A
15 Decision Document is also known as a Record of
16 Decision, and we proceed from there to any
17 Remedial Action or to Project Closeout.

18 A little bit about the history of the site.
19 The U.S. government acquired Water Island during
20 the 2nd world war for coastal defense. During
21 1944, the Army began construction of barracks,
22 gun emplacements, watch towers, underground
23 bunkers, and all those buildings and
24 appurtenances necessary for a military base.
25 However, the war concluded before the Fort

1 Segarra installation was completed. And as
2 such, the guns were never installed.

3 After the war, between 1948 and 1950, the
4 site was used for six tests conducted by the
5 Chemical Warfare Service in association with
6 what is known as the San Jose Project. The San
7 Jose Project was a very broad research and
8 development project to study the effects of and
9 defense against chemical warfare and chemical
10 warfare agents in tropical environments and was
11 named after where the project was originally
12 headquartered, which was San Jose Island on the
13 Pacific coast of Panama.

14 Now, we have very good documentation for
15 the experiments and the work that was done by
16 the Chemical Warfare Service here on Water
17 Island, so we know for a fact that only six
18 tests were conducted, and the site was
19 subsequently cleaned up and all that residual
20 material was removed.

21 So our project consists of 17 acres in the
22 southern portion of Water Island. They are four
23 noncontiguous areas, again collectively known as
24 Test Areas 4, 5 and 8 in the Flamingo Bay
25 Landfill. There were other test areas

1 associated with the San Jose Project, however,
2 nothing was ever found at those sites subsequent
3 to the termination of those efforts. So we have
4 found what we know as munitions debris in these
5 areas and that is why we are coming back to
6 investigate them now.

7 As you can see, there was quite a number of
8 previous investigations, and prior documentation
9 going back over 30 years at this point,
10 beginning in 1989 with the Inventory Project
11 Report. I'll leave this slide up there.
12 You-all can -- you-all can read that for
13 yourselves. But again, you can see we are going
14 back to 1989. We are moving forward through a
15 number of studies, a number of reports,
16 photographic analysis, project site
17 characterizations and so forth.

18 And in the inset there you see one of the
19 few items that were discovered here. That is a
20 500-pound chemical bomb shell, casing actually.
21 There is nothing in it. You can see there it's
22 breached and was filled with concrete. So it
23 was likely used as a training item.

24 Again, here you can see the rest of the
25 previous investigations going all the way up to

1 2016, the Site Specific Final Report which was
2 the report for a remedial investigation which
3 leads to the Proposed Plan which is what we're
4 discussing.

5 On your lower left, you can see the
6 historical sign that's been placed at the ferry
7 landing. To your right, you can see an image of
8 a one-ton chemical container breached, filled
9 with concrete. That and the bomb casing that
10 you can see also on the historical marker there
11 were all the items that we've identified that
12 we've ever located at this site.

13 At this point, I'd like to hand it over to
14 Susan Burtnett who is going to talk a little bit
15 in detail about the actual process of the
16 remedial investigation.

17 MS. BURTNETT: Thank you, Frank.

18 As Frank noted, I am Susan Burtnett,
19 representing the contractor who completed the
20 remedial investigation for the Fort Segarra
21 Formerly Used Defense Sites.

22 The remedial investigation was done to
23 determine if there are any environmental impacts
24 remaining from the military's activities that
25 took place at the Flamingo Bay Landfill and Test

1 Areas. This included the tests conducted by the
2 Chemical Warfare Service. A few photographs
3 showing Chemical Warfare Service activities that
4 were taken from the historical documents
5 reviewed are shown on this slide. The remedial
6 investigation also included an evaluation of
7 potential risks to people and the environment.
8 The remedial investigation report was completed
9 in August 2019.

10 The remedial investigation work included an
11 evaluation of the previous reports prepared by
12 the Corps, as well as an analysis of the
13 historical documents and studies completed by
14 other organizations. Frank presented the list
15 of these documents and described the military's
16 use of the site as a planned coastal defense
17 battery and for chemical testing by the Chemical
18 Warfare Service.

19 Per the remedial investigation, we've
20 looked at all of the information and used it to
21 assess potential risks to people and the
22 environment. Several examples of the historical
23 documents and studies are shown on this slide.
24 These documents are available for reference on
25 the Corps' website for Fort Segarra. The

1 website is provided in the Proposed Plan and at
2 the end of this presentation.

3 The remedial investigation documented the
4 types, densities, and distribution of, or, in
5 the case of Fort Segarra, the lack of evidence
6 for munitions, munitions constituents, chemical
7 warfare material, and chemical agents. Based on
8 the historical documents and studies, there is
9 no evidence of munitions used at Fort Segarra.
10 The guns were never installed. There is no
11 documentation of munitions used, and no
12 munitions or munitions debris have been found at
13 this site. Since there is no evidence of
14 munitions used, there is no source for munitions
15 constituents. Sampling at the site confirms
16 this.

17 As for chemical warfare material used,
18 historical documents indicate that only six
19 tests were completed or partially completed on
20 Water Island before the testing program was
21 relocated. Chemical warfare material associated
22 with the testing, including chemical-filled
23 bombs and smoke pods were removed. Although a
24 few suspected chemical warfare material related
25 items were found at the site in the past as part

1 of the studies and investigation, the items did
2 not contain chemical agents and they were
3 removed. None have been found since 1994.
4 Sampling also confirms that there are no
5 chemical agents remaining.

6 Based on the remedial investigation
7 findings, we concluded that there is no evidence
8 that munitions were used at this site. And
9 sampling confirmed that no constituents from
10 munitions are present. In addition, the
11 remedial investigation concluded that chemical
12 warfare material was removed from the site
13 following the sixth test conducted and
14 documented by the Chemical Warfare Service.
15 Sampling also confirmed that no chemical agents
16 are present at the site.

17 Based on the remedial investigation
18 findings, there is no risk to people or the
19 environment from the military's past use.

20 Donna is going to continue the presentation
21 and talk about the Proposed Plan.

22 MS. WEST-BARNHILL: Thank you, Susan.

23 On this slide you'll see an image of the
24 Proposed Plan for Fort Segarra. You can find
25 this file on the same website where you found

1 the link to this presentation.

2 The purpose of the Proposed Plan is to
3 summarize in one short document the various
4 reports and investigations that Susan and Frank
5 referred to. It also presents our
6 recommendations which we called "Preferred
7 Alternatives." And its primary purpose is to
8 courage you, the public, to being engaged in the
9 process of selecting a remedy for the site.

10 The preferred alternative or recommendation
11 to Fort Segarra is no action. As you heard
12 Susan explain, we have no reason to believe that
13 there is anything remaining from the military's
14 training that would pose a hazard or risk to the
15 public or the environment.

16 The comment period for the Proposed Plan is
17 from May 28th through July 6th. The image on
18 the slide is of the Comment Sheet that is
19 included in the package of handouts. You can
20 use this as a means of commenting or we'll
21 discuss other ways you can comment as well.

22 The image on this slide is of the Fact
23 Sheet for the Munitions Response Site
24 Prioritization Protocol Process. It's included
25 in the handouts for the presentation.

1 The Department of Defense uses the protocol
2 to determine a priority for addressing sites.
3 There are almost 10,000 formerly used defense
4 sites across the country and there's never
5 enough funding to address all of them at one
6 time. So the protocol assigns a score of one to
7 eight, one being the highest. And it can also
8 have scores of No known or suspected hazard or
9 No longer required. That score provides the
10 priority. The score for Fort Segarra is No
11 known or suspected hazard.

12 You can comment on the score during the
13 same time period for the proposed plan, which is
14 from May 28th through July 6th.

15 Your opinion really does count, and we do
16 want to hear from you. You can comment during
17 the comment period through 5:00 p.m. Eastern
18 Daylight Time on July 6th, 2020.

19 You can call us at 800-710-5184. You can
20 also e-mail us at FUDS.Florida@usace.army.mil.
21 You can submit the Comment Form that is included
22 in your package of handouts. You can fill it
23 out and mail it to the Army Corps of Engineers
24 at the address shown on the slide and also in
25 the comment sheet. You can scan the form and

1 e-mail it to us or you can simply just send us
2 an e-mail with your comments.

3 For more information, please feel free to
4 call us or e-mail us or go to our website at
5 www.sajusace.army.mil/fortsegarra. All of the
6 documents and reports that we've mentioned in
7 this presentation are posted there.

8 We understand that watching a presentation
9 video is not the same as being able to talk with
10 somebody in person. So, please, if you have
11 questions or comments or just don't understand
12 something or want to know more information, call
13 us or e-mail us. We'll be happy to talk with
14 you.

15 We always close all of our presentations
16 with a reminder of the three Rs: Recognize,
17 retreat, report. Wherever you are, but
18 especially if you are on a formerly used defense
19 site, if you find something that looks like a
20 munition, recognize that it could be dangerous,
21 regardless of how old it is. Retreat from the
22 area. Leave the item where it is and don't
23 touch it in any way but do make note of its
24 location and report it by calling 911.

25 Please remember to call or e-mail us if you

1 have any questions or concerns. And thank you
2 for viewing this presentation.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

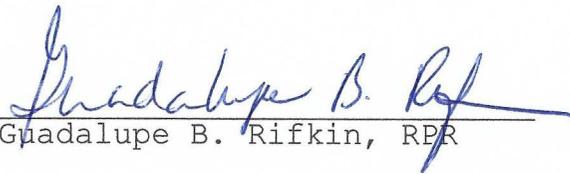
24

25

REPORTER'S CERTIFICATE

I, Guadalupe B. Rifkin, RPR, certify that I was authorized to and did transcribe the audio for the Fort Segarra Flamingo Bay Landfill and Test Areas Proposed Plan Virtual Meeting.

DATED this 30th day of June 2020.


Guadalupe B. Rifkin, RPR

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

	2:25;3:1,3 area (1) 14:22	boundaries (2) 3:7,15	collectively (1) 6:23	12:8 course (1) 3:9
A	14:22	breached (2) 7:22;8:8	coming (1) 7:5	current (1) 2:19
able (1) 14:9	Areas (7) 3:16;6:23,24,25; 7:5;9:1;16:4	broad (1) 6:7	comment (9) 2:23;12:16,18,21; 13:12,16,17,21,25	
acquired (1) 5:19	Army (4) 2:2;3:5;5:21;13:23	buildings (1) 5:23	commenting (1) 12:20	
acres (1) 6:21	assess (1) 9:21	bunkers (1) 5:23	comments (2) 14:2,11	
acronyms (1) 4:14	Assessment (1) 4:23	Burnett (3) 8:14,17,18	Compensation (1) 4:17	D
across (2) 3:11;13:4	assigned (1) 3:3	C	completed (6) 6:1;8:19;9:8,13; 10:19,19	dangerous (1) 14:20
Act (1) 4:17	assigns (1) 13:6	call (5) 3:15;13:19;14:4, 12,25	compliant (1) 4:5	DATED (1) 16:
action (3) 5:12,17;12:11	associated (2) 7:1;10:21	called (2) 4:18;12:6	component (1) 5:4	day (1) 16:
actions (1) 4:5	association (1) 6:5	calling (1) 14:24	components (1) 4:10	Daylight (1) 13:18
activities (3) 4:6;8:24;9:3	attributable (2) 4:6,8	can (27) 2:9;3:14;4:2,3;5:3, 13;7:7,12,12,13,21, 24;8:5,7,10;11:24;	Comprehensive (1) 4:16	debris (2) 7:4;10:12
actual (1) 8:15	audio (1) 16:	12:19,21;13:7,12,16, 19,19,21,22,25;14:1	concerns (1) 15:1	Decision (3) 5:14,15,16
actually (1) 7:20	August (1) 9:9	case (2) 4:15;10:5	concluded (3) 5:25;11:7,11	Defense (18) 2:3,16;3:4,8,18,19, 21,23,25;4:7,9;5:20; 6:9;8:21;9:16;13:1,3; 14:18
addition (1) 11:10	authorized (1) 16:	casing (2) 7:20;8:9	concrete (2) 7:22;8:9	definition (1) 3:19
address (2) 13:5,24	available (1) 9:24	CERCLA (3) 4:13,14,22	conduct (1) 5:9	densities (1) 10:4
addressing (1) 13:2	B	case (2) 4:15;10:5	conducted (4) 6:4,18;9:1;11:13	Department (8) 3:21,23,24,25;4:6, 9,9;13:1
again (3) 6:23;7:13,24	back (3) 7:5,9,14	case (2) 4:15;10:5	confirmed (2) 11:9,15	described (1) 9:15
against (1) 6:9	barracks (1) 5:21	CERTIFICATE (1) 16:1	confirms (2) 10:15;11:4	detail (1) 8:15
Agenda (1) 2:12	base (1) 5:24	certify (1) 16:3	consists (1) 6:21	detailed (1) 5:11
agents (5) 6:10;10:7;11:2,5, 15	Based (3) 10:7;11:6,17	characterizations (1) 7:17	constituents (3) 10:6,15;11:9	determine (2) 8:23;13:2
airport (1) 3:13	basically (1) 4:20	Charlotte (1) 3:11	construction (1) 5:21	development (1) 6:8
almost (1) 13:3	battery (1) 9:17	Chemical (20) 6:5,9,9,16;7:20; 8:8;9:2,3,17,17;10:6, 7,17,21,24;11:2,5,11, 14,15	contain (1) 11:2	discovered (1) 7:19
alternative (1) 12:10	bay (5) 3:11,16;6:24;8:25; 16:4	chemical-filled (1) 10:22	container (1) 8:8	discuss (1) 12:21
alternatives (2) 5:12;12:7	began (1) 5:21	circumstances (1) 5:7	continue (1) 11:20	discussing (2) 5:2;8:4
Although (1) 10:23	beginning (1) 7:10	clean (2) 4:11,12	contractor (1) 8:19	distribution (1) 10:4
always (1) 14:15	behalf (1) 3:5	cleaned (1) 6:19	Corps (4) 2:3;3:5;9:12;13:23	Document (3) 5:14,15;12:3
Amalie (1) 3:11	behind (1) 4:11	close (1) 14:15	Corps' (1) 9:25	documentation (3) 6:14;7:8;10:11
among (1) 4:20	bit (4) 2:15;3:17;5:18; 8:14	Closeout (1) 5:17	cost-effective (1) 4:5	documented (2) 10:3;11:14
analysis (2) 7:16;9:12	bomb (2) 7:20;8:9	coast (1) 6:13	count (1) 13:15	documents (8) 9:4,13,15,23,24; 10:8,18;14:6
antecedents (1) 3:22	bombs (1) 10:23	coastal (2) 5:20;9:16	country (1) 13:4	done (3) 5:11;6:15;8:22
appurtenances (1) 5:24			courage (1)	Donna (4) 2:2;3:1,2;11:20
Araico (3)				

download (1) 2:9	8:6	guns (2) 6:2;10:10	international (1) 3:13	left (3) 3:12;4:11;8:5
during (4) 5:19,20;13:12,16	few (3) 7:19;9:2;10:24	H	into (3) 4:24;5:1,14	legally (1) 4:4
E	file (2) 2:9;11:25		introduce (1) 2:13	Liability (1) 4:17
	Eastern (1) 13:17	fill (1) 13:22	Inventory (1) 7:10	likely (1) 7:23
effective (1) 4:4	filled (2) 7:22;8:8	hand (1) 8:13	investigate (1) 7:6	link (2) 2:10;12:1
effects (1) 6:8	Final (1) 8:1	handouts (4) 2:7;12:19,25;13:22	investigation (15) 2:20;4:24;8:2,16, 20,22;9:6,8,10,19; 10:3;11:1,6,11,17	list (1) 9:14
efforts (1) 7:3	find (3) 2:9;11:24;14:19	happy (1) 14:13	investigations (4) 2:19;7:8,25;12:4	little (4) 2:15;3:17;5:18; 8:14
eight (1) 13:7	findings (2) 11:7,18	hazard (3) 12:14;13:8,11	involvement (1) 5:4	live (1) 3:9
else's (1) 4:12	Flamingo (4) 3:16;6:24;8:25; 16:4	headquartered (1) 6:12	Island (7) 3:9,10;5:19;6:12, 17,22;10:20	located (1) 8:12
e-mail (6) 13:20;14:1,2,4,13, 25	following (1) 11:13	health (1) 5:8	item (2) 7:23;14:22	location (1) 14:24
emplacements (1) 5:22	Form (2) 13:21,25	hear (1) 13:16	items (4) 7:19;8:11;10:25; 11:1	longer (1) 13:9
end (1) 10:2	Formerly (9) 2:3,16;3:4,8,18,19; 8:21;13:3;14:18	heard (1) 12:11	J	looked (1) 9:20
engaged (1) 12:8	Fort (14) 2:6,17;3:4,8,15; 5:25;8:20;9:25;10:5, 9;11:24;12:11;13:10; 16:4	Hello (1) 2:1		Jose (4) 6:6,7,12;7:1
Engineers (3) 2:3;3:5;13:23	forth (1) 7:17	highest (1) 13:7	July (3) 12:17;13:14,18	lot (1) 4:2
enough (1) 13:5	forward (3) 5:1,14;7:14	historical (7) 8:6,10;9:4,13,22; 10:8,18	June (1) 16:	lower (1) 8:5
environment (5) 5:9;9:7,22;11:19; 12:15	found (10) 2:10;5:7,8,10;7:2, 4;10:12,25;11:3,25	history (2) 2:17;5:18	K	M
Environmental (2) 4:16;8:23	four (1) 6:22	human (1) 5:8		
environments (1) 6:10	Frank (6) 2:25;3:2;8:17,18; 9:14;12:4	I	Manager (1) 3:3	many (1) 4:14
especially (1) 14:18	free (1) 14:3		identified (1) 8:11	marker (1) 8:10
evaluation (2) 9:6,11	FUDSFlorida@usacearmymil (1) 13:20	image (5) 3:7;8:7;11:23; 12:17,22	known (5) 5:15;6:6,23;13:8, 11	May (2) 12:17;13:14
everybody (1) 4:12	G	impacts (1) 8:23	L	means (1) 12:20
evidence (4) 10:5,9,13;11:7		important (1) 4:8		lack (1) 10:5
examples (1) 9:22	gist (1) 5:3	include (1) 3:22	Landfill (4) 3:16;6:25;8:25; 16:4	mentioned (2) 3:2;14:6
experiments (1) 6:15	goal (1) 4:4	included (6) 9:1,6,10;12:19,24; 13:21	landing (1) 8:7	mess (1) 4:11
explain (2) 2:22;12:12	good (1) 6:14	including (1) 10:22	last (1) 4:7	messes (1) 4:12
F	government (1) 5:19	indicate (1) 10:18	layout (1) 4:22	military (2) 4:10;5:24
	Guadalupe (2) 16:,3	information (3) 9:20;14:3,12	leads (1) 8:3	military's (4) 8:24;9:15;11:19; 12:13
fact (2) 6:17;12:22	gun (1) 5:22	inset (1) 7:18	leased (1) 3:20	more (2)
Feasibility (3) 4:25;5:9,11		Inspection (1) 4:23	leave (2) 7:11;14:22	
feel (1) 14:3		installation (1) 6:1		
ferry (1)		installed (2) 6:2;10:10		

14:3,12 most (1) 4:7 moving (1) 7:14 munition (1) 14:20 munitions (12) 7:4;10:6,6,9,11,12, 12,14,14;11:8,10; 12:23 must (3) 3:20,24;4:8	5:11 over (3) 2:24;7:9;8:13 overview (1) 3:18 owned (1) 3:20 ownership (1) 3:25	9:7,21 Preferred (2) 12:6,10 Preliminary (1) 4:23 prepared (1) 9:11 present (3) 2:21;11:10,16 presentation (12) 2:5,8,11,24;5:3; 10:2;11:20;12:1,25; 14:7,8;15:2 presentations (1) 14:15 presented (1) 9:14 presents (1) 12:5 previous (4) 2:18;7:8,25;9:11 primary (1) 12:7 prior (2) 3:25;7:8 Prioritization (1) 12:24 priority (2) 13:2,10 proceed (1) 5:16 proceeding (1) 4:13 process (5) 4:13,22;8:15;12:9, 24 Program (5) 2:4,16;3:18;4:3; 10:20 Project (11) 3:3,15;5:17;6:6,7, 8,11,21;7:1,10,16 property (1) 3:7 Proposed (14) 2:6,21,23;5:1,2,13; 8:3;10:1;11:21,24; 12:2,16;13:13;16:	quite (1) 7:7	6:7 residual (1) 6:19 Response (2) 4:16;12:23 rest (1) 7:24 retreat (2) 14:17,21 reviewed (1) 9:5 Rifkin (2) 16:,3 right (2) 3:6;8:7 risk (4) 4:4;5:8;11:18; 12:14 risks (2) 9:7,21 RPR (2) 16:,3 Rs (1) 14:16
N	P		R	
name (2) 2:1;3:2 named (1) 6:11 necessary (1) 5:24 noncontiguous (1) 6:23 None (1) 11:3 northwest (1) 3:12 note (1) 14:23 noted (1) 8:18 number (3) 7:7,15,15	Pacific (1) 6:13 package (2) 12:19;13:22 Panama (1) 6:13 part (2) 4:8;10:25 partially (1) 10:19 past (2) 10:25;11:19 people (3) 9:7,21;11:18 Per (1) 9:19 period (3) 12:16;13:13,17 person (1) 14:10 photographic (1) 7:16 photographs (1) 9:2 place (1) 8:25 placed (1) 8:6 Plan (14) 2:6,21,23;5:1,2,14; 8:3;10:1;11:21,24; 12:2,16;13:13;16: planned (1) 9:16 please (3) 14:3,10,25 pm (1) 13:17 Pods (1) 10:23 point (2) 7:9;8:13 portion (1) 6:22 pose (1) 12:14 possessed (1) 3:21 posted (1) 14:7 potential (2)		read (2) 4:2;7:12 really (2) 4:7;13:15 reason (1) 12:12 recognize (3) 3:10;14:16,20 recommendation (1) 12:10 recommendations (2) 2:22;12:6 Record (1) 5:15 red (1) 3:14 reduce (1) 4:4 reference (1) 9:24 referred (1) 12:5 referring (1) 2:8 regardless (1) 14:21 related (1) 10:24 relocated (1) 10:21 remaining (3) 8:24;11:5;12:13 remedial (16) 2:19;4:24;5:12,17; 8:2,16,20,22;9:5,8, 10,19;10:3;11:6,11, 17 remedy (1) 12:9 remember (1) 14:25 reminder (1) 14:16 removed (4) 6:20;10:23;11:3,12 Report (6) 7:11;8:1,2;9:8; 14:17,24 REPORTER'S (1) 16:1 reports (4) 7:15;9:11;12:4; 14:6 representing (1) 8:19 required (1) 13:9 research (1)	S
O		Q		
October (1) 4:1 off (1) 3:12 old (1) 14:21 one (6) 4:14;7:18;12:3; 13:5,6,7 one-ton (1) 8:8 only (2) 6:17;10:18 opinion (1) 13:15 organizations (1) 9:14 originally (1) 6:11 otherwise (1) 3:20 ourselves (1) 2:13 out (2) 4:15;13:23 outlined (1)				same (4) 2:10;11:25;13:13; 14:9 Sampling (4) 10:15;11:4,9,15 San (4) 6:6,6,12;7:1 scan (1) 13:25 score (4) 13:6,9,10,12 scores (1) 13:8 screen (1) 3:6 Segarra (14) 2:6,17;3:4,8,15; 6:1;8:20;9:25;10:5,9; 11:24;12:11;13:10; 16:4 selecting (1) 12:9 send (1) 14:1 sentence (1) 4:7 Service (6) 6:5,16;9:2,3,18; 11:14 Several (1) 9:22 Sheet (3) 12:18,23;13:25 shell (1) 7:20 short (1)

12:3 showing (2) 3:7;9:3 shown (3) 9:5,23;13:24 sign (1) 8:6 simply (1) 14:1 site (21) 3:8,20;4:19,23;5:6, 18;6:4,18;7:16;8:1, 12;9:16;10:13,15,25; 11:8,12,16;12:9,23; 14:19 Sites (9) 2:3,16;3:4,19;4:19; 7:2;8:21;13:2,4 situation (1) 4:21 six (3) 6:4,17;10:18 sixth (1) 11:13 slide (7) 7:11;9:5,23;11:23; 12:18,22;13:24 slides (2) 2:14;4:2 smoke (1) 10:23 somebody (1) 14:10 sometimes (1) 4:17 source (1) 10:14 southern (1) 6:22 speaking (1) 2:13 Specific (1) 8:1 spend (1) 2:15 stands (1) 4:15 starting (1) 4:22 studies (5) 7:15;9:13,23;10:8; 11:1 Study (4) 4:25;5:10,11;6:8 submit (1) 13:21 subsequent (1) 7:2 subsequently (1) 6:19 summarize (1) 12:3 Superfund (3)	4:18,19,19 sure (1) 2:9 Susan (5) 8:14,18;11:22; 12:4,12 suspected (3) 10:24;13:8,11 T talk (6) 2:18;3:17;8:14; 11:21;14:9,13 talking (1) 2:15 termination (1) 7:3 Test (6) 3:16;6:24,25;8:25; 11:13;16:4 testing (3) 9:17;10:20,22 tests (4) 6:4,18;9:1;10:19 three (2) 2:12;14:16 took (1) 8:25 touch (1) 14:23 towers (1) 5:22 training (2) 7:23;12:14 transcribe (1) 16: transferred (1) 3:24 tropical (1) 6:10 turn (1) 2:24 types (1) 10:4 U under (2) 4:13;5:6 underground (1) 5:22 up (5) 4:11,12;6:19;7:11, 25 upper (1) 3:12 use (3) 9:16;11:19;12:20 Used (17) 2:3,16;3:4,8,18,19; 6:4;7:23;8:21;9:20; 10:9,11,14,17;11:8;	13:3;14:18 uses (1) 13:1 V various (1) 12:3 video (1) 14:9 viewing (2) 2:5;15:2 Virtual (1) 16: W War (5) 3:23;4:9;5:20,25; 6:3 Warfare (13) 6:5,9,10,16;9:2,3, 18;10:7,17,21,24; 11:12,14 watch (1) 5:22 watching (1) 14:8 Water (6) 3:9,10;5:19;6:16, 22;10:20 way (2) 7:25;14:23 ways (1) 12:21 website (5) 2:10;9:25;10:1; 11:25;14:4 WEST-BARNHILL (3) 2:1,2;11:22 Wherever (1) 14:17 work (2) 6:15;9:10 world (1) 5:20 worst (2) 4:20,20 www.sajusacearmymill/fortsegarra (1) 14:5 Y years (1) 7:9 You-all (2) 7:12,12 1 10,000 (1) 13:3 17 (1)	6:21 17th (1) 4:1 1944 (1) 5:21 1948 (1) 6:3 1950 (1) 6:3 1986 (1) 4:1 1989 (2) 7:10,14 1994 (1) 11:3 2 2016 (1) 8:1 2019 (1) 9:9 2020 (2) 13:18;16: 28th (2) 12:17;13:14 2nd (1) 5:20 3 30 (1) 7:9 30th (1) 16: 4 4 (1) 6:24 5 5 (1) 6:24 5:00 (1) 13:17 500-pound (1) 7:20 6 6th (3) 12:17;13:14,18 8 8 (1) 6:24 800-710-5184 (1) 13:19	9 911 (1) 14:24
--	--	---	--	---