

1 stored or transmitted in electronic form.

2 2.3. “Hard-Copy Document” means any Document existing in paper form at the time
3 of collection.

4 2.4. “Hash Value” is a unique alphanumeric identifier that can be assigned to a file,
5 a group of files or a portion of a file, based on a standard mathematical algorithm applied to the
6 characteristics of the text contained within the file or files.

7 2.5. “Metadata” means data created as a function of the application software used to
8 create the document or file. To the extent they are available and able to be captured at the time of
9 collection, the metadata values that are to be extracted and produced in the metadata load files
10 (.DAT file using concordance standard delimiters) are listed in “Addendum A” attached hereto.

11 2.6. “Native Format” means and refers to the format of ESI in which it was generated
12 and/or as used by the Producing Party in the usual course of its business and in its regularly
13 conducted activities. For example, the Native Format of an Excel workbook is a .xls or .xlsx file.

14 2.7. “Load Files” means electronic files provided with a production set of Documents
15 and images used to load that production set into a Requesting Party’s Document review platform.

16 2.8. “Optical Character Recognition” or “OCR” means the process of recognizing, and
17 creating a file containing, visible text within an image.

18 2.9. “Searchable Text” means the text extracted or generated using OCR from any
19 Document that allows the Document to be electronically searched.

20 **3. COOPERATION**

21 The parties are aware of the importance the Court places on cooperation and commit to
22 cooperate in good faith throughout the matter consistent with this Court’s Guidelines for the
23 Discovery of ESI.

24 **4. LIAISON**

25 The parties have identified liaisons to each other who are and will be knowledgeable
26 about and responsible for discussing their respective ESI. Each e-discovery liaison will be, or
27 have access to those who are, knowledgeable about the technical aspects of e-discovery,
28 including the location, nature, accessibility, format, collection, search methodologies, and

1 production of ESI in this matter. The parties will rely on the liaisons, as needed, to confer about
2 ESI and to help resolve disputes without court intervention.

3 **5. DEDUPLICATION**

4 In order to reduce the burdens of discovery, the parties agree that ESI should be
5 deduplicated across the entire collection (i.e., global deduplication) based on MD5 or SHA-1
6 hash values at the family level. Attachments should not be eliminated as duplicates for purposes
7 of production, unless the parent email and all attachments are also duplicates. The parties agree
8 that an email that includes content in the BCC or other blind copy field shall not be treated as a
9 duplicate of an email that does not include content in those fields, even if all remaining content
10 in the email is identical. Removal of near-duplicate documents and email thread suppression is
11 not acceptable. Deduplication will be done across the entire collection (global deduplication)
12 and the CUSTODIAN field will list each custodian, separated by a semicolon, who was a source
13 of that document and the FILEPATH-DUP field will list each file path, separated by a
14 semicolon, that was a source of that document. The CUSTODIAN and FILEPATH metadata
15 fields shall be populated at the time of production for all ESI produced in discovery. For non-
16 email, the FILEPATH-DUP metadata field shall be populated at the time of production. Should
17 the CUSTODIAN or FILEPATH-DUP metadata fields produced become outdated due to rolling
18 productions, an overlay file providing all the custodians and file paths for the affected documents
19 will be produced prior to substantial completion of the document production. Notwithstanding
20 the above, the parties retain the right to request all file paths corresponding to specifically
21 identified documents produced in discovery, which data shall be provided in the form of an
22 overlay file within two weeks of any such requests.

23 **6. SEARCH**

24 6.1 The parties agree that in responding to an initial Fed. R. Civ. P. 34 request, or
25 earlier if appropriate, they will meet and confer about methods to search ESI in order to identify
26 ESI that is subject to production in discovery and filter out ESI that is not subject to discovery.

27 6.2 The Producing Party may apply electronic searches in order to identify potentially
28 responsive ESI. The Parties agree to meet and confer on a search protocol for such searches,

1 comprising of (a) the custodians and/or sources of ESI to be searched; (b) the search terms to be
2 applied against those custodians and/or sources; (c) the date range to be applied against those
3 custodians and/or sources; and (d) any other search criteria or methods to be used to identify
4 potentially responsive ESI (the “Search Protocol”). If the Parties fail to reach agreement as to
5 the Search Protocol, either Party may, but is not required to, bring the dispute to the Court for
6 resolution. In the absence of an agreement or court order regarding a Search Protocol, the
7 Producing Party may apply a Search Protocol of its choosing, without prejudice to the
8 Requesting Party’s ability to seek later relief from the Court regarding the adequacy of the Search
9 Protocol.

10 6.3 The fact that the Parties agree to a Search Protocol shall not preclude a Producing
11 Party from reviewing potentially responsive ESI that is returned by the Search Protocol in order
12 to make final determinations as to the responsiveness of the ESI and the privilege and other
13 protections applicable to the ESI.

14 6.4 The parties agree that the use of technology (such as active learning and/or email
15 threading) to locate ESI likely to contain discoverable information may be appropriate and agree
16 to meet and confer, in good faith, to discuss methodology, including the use of search terms in
17 conjunction with active learning, the use of search terms alone or the use of active learning alone.

18 6.5 If search terms are used, focused terms and queries should be employed; broad
19 terms or queries should be avoided. The parties agree that if search terms are used, the
20 methodology using search terms often requires iterative refinement.

21 6.6 Where reasonable, including but not limited to if specific sources of potential ESI
22 cannot be searched using the Search Protocol due to technical limitations, a Producing Party may
23 employ means other than the Search Protocol in order to identify responsive Documents or ESI.
24 The Parties agree to meet and confer regarding any disagreements. If the Parties fail to reach
25 agreement, any Party may, but is not required to, bring the dispute to the Court for resolution.

26 **7. PRODUCTION FORMATS**

27 7.1 ESI is to be produced in 300 DPI Group IV Grayscale Tagged Image File Format
28 (.TIFF or .TIF) files. TIFF files shall be produced in single-page format along with image load

1 files (.OPT file and .LFP file). If TIFF files are unavailable or unable to be produced, documents
2 may be produced in a similar graphic file format (*e.g.*, .JPG). All documents are to be provided
3 with per document searchable text (.TXT) files, and such text files shall contain the full text
4 extraction. In the event a document is redacted or scanned into TIFF format, the text file should
5 contain that document's OCR text. These text files and image load files should indicate page
6 breaks, to the extent possible. If particular documents warrant a different format, the parties will
7 cooperate to arrange for the mutually acceptable production of such documents. The parties agree
8 not to degrade the searchability of documents as part of the document production process.

9 7.2 During the process of converting ESI from the electronic format of the application
10 in which the ESI is normally created, viewed and/or modified to TIFF, metadata values should be
11 extracted and produced in a load file.

12 7.3 Unless otherwise stated herein, documents in families shall be produced and
13 Bates-stamped in sequence with the Absolute Parent first in sequence, followed by any and all
14 attachments. Absolute Parent shall be defined as the document that is the source for all other
15 documents in a document family, regardless of whether attachments to the Absolute Parent are
16 also parent documents with attachments. When producing responsive attachments, the parent
17 email will be produced, regardless of responsiveness unless otherwise protected from disclosure.

18 7.4 Any Party may request the production of ESI in native format where the
19 production in native format is reasonably necessary to the ESI's comprehension or use. For ESI
20 produced in native format, a Bates-stamped placeholder TIFF bearing the legend "This Document
21 has been produced in Native Format" shall also be produced in the same manner as other TIFFs.

22 7.5 Documents shall be exchanged on DVD-ROMs, CD-ROMs, USB drives, portable
23 hard drives or through secure file transfer protocols (*e.g.*, FTP) or similar secure electronic
24 transmission. A production by secure file transfer shall be considered complete when made
25 available to the Receiving Party, unless technical issues prevent the Receiving Party from
26 accessing and downloading the documents (provided, however, that the Producing Party shall be
27 notified of the issue and given reasonable opportunity to complete the production through
28 alternative means).

1 7.6 To maximize the security of information in transit, any media on which
2 documents are produced shall be encrypted by the Producing Party. In such cases, the
3 Producing Party shall transmit the encryption key or password to the Requesting Party, under
4 separate cover, contemporaneously with the encrypted media.

5 **8. DOCUMENTS PROTECTED FROM DISCOVERY**

6 Pursuant to Fed. R. Evid. 502(d), the production of a privileged or work-product-
7 protected document, whether inadvertent or otherwise, is not a waiver of privilege or protection
8 from discovery in this case or in any other federal or state proceeding. For example, the mere
9 production of privileged or work-product-protected documents in this case as part of a mass
10 production is not itself a waiver in this case or in any other federal or state proceeding.

11 Communications involving trial counsel that post-date January 6, 2021, the date of the
12 filing of the original complaint in this matter, are not discoverable. Such communications also
13 need not be included on a producing party's privilege log.

14 **9. MODIFICATION**

15 This Stipulated Order may be modified by a Stipulated Order of the parties or by the
16 Court for good cause shown.

17
18 **IT IS SO STIPULATED**, through Counsel of Record.

19
20
21 DATED: July 9, 2024

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Attorneys for Lead Plaintiff

DATED: July 9, 2024

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Pursuant to Civil Local Rule No. 5-1(h)(3), all signatories concur in filing this Stipulated Order re: Discovery of Electronically Stored Information.

DATED: July 9, 2024

By: /s/ Sara B. Brody
Sara B. Brody (SBN 130222)

PURSUANT TO STIPULATION, IT IS SO ORDERED.

DATED: 7/11/2024


Hon. Haywood S. Gilliam, Jr.
United States District Court Judge

ADDENDUM A

Field	Definition	Doc Type
CUSTODIAN	Name of person from where Documents/files were collected or, in the case of non-human sources, a short description of that source (<i>e.g.</i> , “Shared Drive”).	All
ALLCUSTODIANS	The Custodian value of the Document as well as the Custodian value for all copies of the Document that were removed as a result of de-duplication.	All
BEGBATES	Beginning Bates Number (production number)	All
ENDBATES	Ending Bates Number (production number)	All
BEGATTACH	First Bates number of family range (<i>i.e.</i> , Bates number of the first page of the parent Document)	All
ENDATTACH	Last Bates number of family range (<i>i.e.</i> , Bates number of the last page of the last attachment or, if no attachments, the Document itself)	All
PAGE COUNT	Number of pages in the Document	All
APPLICATION	Commonly associated application for the specified file type.	All
NATIVE FILE LINK	The file path for Documents provided in Native Format	All
TEXTPATH	File path for OCR or Extracted Text files	All

1	FOLDER	Folder location of the e-mail within the	E-mail
2		PST/OST	
3	FROM	Sender	E-mail
4	TO	Recipient	E-mail
5	CC	Additional Recipients	E-mail
6	BCC	Blind Additional Recipients	E-mail
7	SUBJECT	Subject line of e-mail	E-mail
8	DATESENT	Date Sent (mm/dd/yyyy hh:mm:ss AM)	E-mail
9	DATERCVD	Date Received (mm/dd/yyyy hh:mm:ss AM)	E-mail
10	HASHVALUE	Hash value (e.g., MD5 or SHA-1)	All
11	FILENAME	Original file name at the point of collection	E-Document
12	TITLE	Internal Document property	E-Document
13	AUTHOR	Creator of a Document	E-Document
14	DATE CREATED	Creation Date (mm/dd/yyyy hh:mm:ss AM)	E-Document
15	DOCUMENT TYPE	Descriptor for the type of Document	All
16	PRODVOL	Name of media that data was produced on.	All
17	CONFIDENTIALITY	Confidentiality level if assigned pursuant to any applicable Protective Order or stipulation.	All
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21	TIMEZONE	Time zone of data used during processing of data.	All
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