IN THE UNITED STATES BANKRUPTCY COURT
FOR THE DISTRICT OF DELAWARE

In re:	)	Chapter 11
SANGAMO THERAPEUTICS, INC.	)	Case No. 26-10989 (CTG)
Debtor.[1]	)	

CERTIFICATE OF SERVICE

I, Nuno Cardoso, depose and say that I am employed by Kurtzman Carson Consultants LLC dba Verita Global ("Verita"), the claims and noticing agent for the Debtors in the above-captioned case.

On July 23, 2026, at my direction and under my supervision, employees of Verita caused to be served the following documents via Electronic Mail upon the service lists attached hereto as **Exhibit A**, **Exhibit B**, and **Exhibit C**; and via First Class Mail upon the service lists attached hereto as **Exhibit D**, **Exhibit E**, **Exhibit F**, **Exhibit G** and **Exhibit H**:

- **Notice of Equity Transfer Procedures** [substantially in the form attached as Exhibit C to Docket No. 8]

- **Notice of Record Date for Notice and Sell-Down Procedures for Trading in Claims Against the Debtor's Estate** [substantially in the form attached as Exhibit D to Docket No. 8]

Furthermore, on July 23, 2026, at my direction and under my supervision, employees of Verita caused to be served the following documents via Electronic Mail upon the service list attached hereto as **Exhibit I**; via Overnight Mail upon the service list attached hereto as **Exhibit J** for subsequent distribution to beneficial holders of Common Stock, CUSIP 800677106; and via First Class Mail upon the service list attached hereto as **Exhibit K**:

[Remainder of page intentionally left blank]

[1] The last four digits of the debtor's federal tax identification number are 9556. The debtor's principal office located at 501 Canal Boulevard, Suite A100, Richmond, CA 94084.

- **Notice of Equity Transfer Procedures** [substantially in the form attached as Exhibit C to Docket No. 8]

- **Notice of Record Date for Notice and Sell-Down Procedures for Trading in Claims Against the Debtor's Estate** [substantially in the form attached as Exhibit D to Docket No. 8]

Furthermore, in accordance with Local Rule 5005-4(c)(ii), all eligible CM/ECF participants were served via the Court's CM/ECF system with copies of the foregoing.

Dated: July 29, 2026

/s/ Nuno Cardoso

Nuno Cardoso
Verita
222 N. Pacific Coast Highway, Suite 300
El Segundo, CA 90245
Tel 310.823.9000

Exhibit A

Exhibit A
Core/2002 Service List
Served via Electronic Mail

Description	CreditorName	CreditorNoticeName	Email
Bankruptcy Servicer for Ford Motor Credit Company LLC	AIS Portfolio Services, LLC	Attn: Ford Motor Credit Company LLC Department	ECFNotices@aisinfo.com
Counsel to Brammer Bio MA, LLC, PPD Development, L.P. and Fisher BioServices, Inc.	Ashby & Geddes, P.A.	Gregory A. Taylor. Esq.	GTaylor@ashbygeddes.com
Committee of Unsecured Creditors	Beckman Coulter, Inc.	Attn: Devonya Williams-Bikouvaris, Senior Accounting Coordinator	dwilliams@beckman.com
Committee of Unsecured Creditors	Boston Children's Hospital	Attn: James J. Horgan, Esq., Deputy General Counsel - Senior Vice President	James.Horgan@childrens.harvard.edu
Committee of Unsecured Creditors	Brammer Bio MA, LLC	Attn: Maria Greetham, Director and Corporate Counsel	maria.greetham@thermofisher.com
Counsel to Oracle America, Inc.	Buchalter LLP	Shawn M. Christianson, Esq.	schristianson@buchalter.com
Committee of Unsecured Creditors	Charles River Corp.	Attn: Dean F. Marchetti, Director - Global Credit Operations	Dean.Marchetti@crl.com
Counsel to Astellas Gene Therapies, Inc. Stalking Horse Bidder	Covington & Burling LLP	Abigail V. O'Brient	aobrient@cov.com
Counsel to Astellas Gene Therapies, Inc.	Covington & Burling LLP	Julia Blackburn	jblackburn@cov.com
Delaware State AG and DOJ	Delaware Dept of Justice	Attorney General	attorney.general@state.de.us; attorney.general@delaware.gov
DE Secretary of State	Delaware Secretary of State	Division of Corporations	dosdoc_bankruptcy@state.de.us
DE State Treasury	Delaware State Treasury		statetreasurer@state.de.us
Counsel to Fisher Scientific	Hiller Law, LLC	Adam Hiller, Esquire	ahiller@adamhillerlaw.com
Counsel to Armistice Capital, LLC	Hogan McDaniel	Daniel C. Kerrick, Esquire	dckerrick@dkhogan.com
Counsel to Northridge ATM, LLC	Ice Miller LLP	Aaron H. Stulman and Andrew C. Ehrmann	aaron.stulman@icemiller.com; andrew.ehrmann@icemiller.com
IRS	Internal Revenue Service	Attn Susanne Larson	SBSE.Insolvency.Balt@irs.gov
Committee of Unsecured Creditors	IQVIA Inc. & IQVIA RDS Inc.	Attn: John O'Tuel, Vice President, Associate General Counsel	john.otuel@iqvia.com
Counsel to Future Solution Investments LLC	KTBS Law LLP	Nir Maoz, Esq., and N. Tanner Frei, Esq.	nmaoz@ktbslaw.com; tfrei@ktbslaw.com
US Attorney for District of Massachusetts	Massachusetts US Attorneys Office	Attn Bankruptcy Division	usama.webmaster@usdoj.gov
Counsel to the Astellas Gene Therapies, Inc. Stalking Horse Bidder	McCarter & English LLP	Kate Roggio Buck, Esq. and Lawrence John O'Brien, Esq.	kbuck@mccarter.com; lobrien@mccarter.com
Proposed Counsel to the Official Committee of Unsecured Creditors	McDermott Will & Schulte LLP	Darren Azman and Kristin K. Going	dazman@mcdermottlaw.com; kgoing@mcdermottlaw.com
Proposed Counsel to the Official Committee of Unsecured Creditors	McDermott Will & Schulte LLP	David R. Hurst and Andrew A. Mark	dhurst@mcdermottlaw.com; amark@mcdermottlaw.com
Counsel to the Sangamo Therapeutics, Inc. Ad Hoc Group of Equity Holders	Morris James LLP	Eric J. Monzo, Esq. and Jason S. Levin, Esq.	emonzo@morrisjames.com; jlevin@morrisjames.com
Counsel to the Merope Stalking Horse Bidder and Eli Lilly and Company	Morris, Nichols, Arsht & Tunnell LLP	Robert Dehney Sr., Eric Klinger-Wilensky, Brenna A. Dolphin and Hashim E. Elwazir	RDehney@morrisnichols.com; EKWilensky@morrisnichols.com; bdolphin@morrisnichols.com; helwazir@morrisnichols.com
Counsel to the DIP Lender and Northridge ATM, LLC	Norton Rose Fulbright US LLP	Robert M. Hirsh and James Copeland	robert.hirsh@nortonrosefulbright.com; james.copeland@nortonrosefulbright.com
US Trustee for District of DE	Office of the United States Trustee Delaware	Linda J. Casey	Linda.Casey@usdoj.gov
Counsel to the Sangamo Therapeutics, Inc. Ad Hoc Group of Equity Holders	Orrick, Herrington & Sutcliffe LLP	Mark Franke, Esq. and Jacob R. Herz, Esq.	mfranke@orrick.com; jherz@orrick.com
Counsel to the Merope Stalking Horse Bidder and Eli Lilly and Company	Paul, Weiss, Rifkind, Wharton & Garrison LLP	Jacob A. Adlerstein and Joshua A. Esses	jadlerstein@paulweiss.com; jesses@paulweiss.com

Exhibit A
Core/2002 Service List
Served via Electronic Mail

Description	CreditorName	CreditorNoticeName	Email
SEC Regional Office	Securities & Exchange Commission	NY Regional Office	bankruptcynoticeschr@sec.gov; nyrobankruptcy@sec.gov
SEC Regional Office	Securities & Exchange Commission	PA Regional Office	philadelphia@sec.gov
SEC Headquarters	Securities & Exchange Commission	Secretary of the Treasury	SECBankruptcy-OGC-ADO@SEC.GOV; secbankruptcy@sec.gov
Interested Party	Thermo Fisher Scientific - PPD clinical research	Attn: Jessica Davidson, Executive Director, Lead Counsel	jessica.davidson@thermofisher.com
Counsel to Brammer Bio MA, LLC, PPD Development, L.P. and Fisher BioServices, Inc.	Thompson Hine LLP	Louis F. Solimine, Esq.	Louis.Solimine@Thompsonhine.com
Counsel to Fisher Scientific	Tucker Arensberg, P.C.	Beverly Weiss Manne, Esquire and Maribeth Thomas, Esquire	bmanne@tuckerlaw.com; mthomas@tuckerlaw.com
US Attorney for District of Delaware	US Attorney for District of Delaware	US Attorney for Delaware	usade.ecfbankruptcy@usdoj.gov
Counsel to Future Solution Investments LLC	Young Conaway Stargatt & Taylor, LLP	Michael R. Nestor, Esq., and Robert F. Poppiti, Jr., Esq.	bankfilings@ycst.com; mnestor@ycst.com; rpoppiti@ycst.com

Exhibit B

Exhibit B

Affected Party Service List

Served via Electronic Mail

CreditorName	Email
Dirk Haussecker	Email on File

Exhibit C

Exhibit C

Registered Stockholders Service List

Served via Electronic Mail

Description	CreditorName	Email
Registered Stockholders	Joshua Wool	Email on File
Registered Stockholders	Stephen T. Hungerland	Email on File

Exhibit D

Exhibit D
Core/2002 Service List
Served via First Class Mail

Description	CreditorName	CreditorNoticeName	Address1	Address2	Address3	City	State	Zip
Bankruptcy Servicer for Ford Motor Credit Company LLC	AIS Portfolio Services, LLC	Attn: Ford Motor Credit Company LLC Department	4515 N Santa Fe Ave. Dept. APS	Account: XXXX3526		Oklahoma City	OK	73118
Committee of Unsecured Creditors	Beckman Coulter, Inc.	Attn: Devonya Williams-Bikouvaris, Senior Accounting Coordinator	250 S. Kraemer Blvd.			Brea	CA	92821
Committee of Unsecured Creditors	Boston Children's Hospital	Attn: James J. Horgan, Esq., Deputy General Counsel - Senior Vice President	300 Longwood Avenue, Mailstop BCH3046			Boston	MA	02115
Committee of Unsecured Creditors	Brammer Bio MA, LLC	Attn: Maria Greetham, Director and Corporate Counsel	250 Binney Street			Cambridge	MA	02142
US Attorney for District of California	California Northern District US Attorneys Office	Attn Bankruptcy Division	Federal Courthouse	450 Golden Gate Ave		San Francisco	CA	94102
Committee of Unsecured Creditors	Charles River Corp.	Attn: Dean F. Marchetti, Director - Global Credit Operations	251 Ballardvale Street			Wilmington	MA	01887
Counsel to Astellas Gene Therapies, Inc.	Covington & Burling LLP	Julia Blackburn	30 Hudson Yards			New York	NY	10001-2170
Delaware State AG and DOJ	Delaware Dept of Justice	Attorney General	Attn Bankruptcy Department	Carvel State Building	820 N French St	Wilmington	DE	19801
DE Secretary of State	Delaware Secretary of State	Division of Corporations	Franchise Tax	PO Box 898		Dover	DE	19903
DE State Treasury	Delaware State Treasury		820 Silver Lake Blvd., Suite 100			Dover	DE	19904
IRS	Internal Revenue Service	Attn Susanne Larson	31 Hopkins Plz Rm 1150			Baltimore	MD	21201
IRS	Internal Revenue Service	Centralized Insolvency Operation	PO Box 7346			Philadelphia	PA	19101-7346
Committee of Unsecured Creditors	IQVIA Inc. & IQVIA RDS Inc.	Attn: John O'Tuel, Vice President, Associate General Counsel	2400 Ellis Road			Durham	NC	27703
Counsel to Future Solution Investments LLC	KTBS Law LLP	Nir Maoz, Esq., and N. Tanner Frei, Esq.	1801 Century Park East	26th Floor		Los Angeles	CA	90067
US Attorney for District of Massachusetts	Massachusetts US Attorneys Office	Attn Bankruptcy Division	John Joseph Moakley Courthouse	1 Courthouse Way Ste 9200		Boston	MA	02210
Counsel to the Sangamo Therapeutics, Inc. Ad Hoc Group of Equity Holders	Morris James LLP	Eric J. Monzo, Esq. and Jason S. Levin, Esq.	3205 Avenue North Blvd., Suite 100			Wilmington	DE	19803
Counsel to the Sangamo Therapeutics, Inc. Ad Hoc Group of Equity Holders	Orrick, Herrington & Sutcliffe LLP	Mark Franke, Esq. and Jacob R. Herz, Esq.	51 West 52nd Street			New York	NY	10019-6142
SEC Regional Office	Securities & Exchange Commission	NY Regional Office	Regional Director	100 Pearl St., Suite 20-100		New York	NY	10004-2616

Exhibit D
Core/2002 Service List
Served via First Class Mail

Description	CreditorName	CreditorNoticeName	Address1	Address2	Address3	City	State	Zip
SEC Regional Office	Securities & Exchange Commission	PA Regional Office	Regional Director	One Penn Center	1617 JFK Boulevard Ste 520	Philadelphia	PA	19103
SEC Headquarters	Securities & Exchange Commission	Secretary of the Treasury	100 F St NE			Washington	DC	20549
Counsel to Brammer Bio MA, LLC, PPD Development, L.P. and Fisher BioServices, Inc.	Thompson Hine LLP	Louis F. Solimine, Esq.	312 Walnut Street	Suite 2000		Cincinnati	OH	45202-4029
United States Food and Drug Administration	United States Food and Drug Administration	Attn: Chief Counsel	10903 New Hampshire Ave.	White Oak Building 31, Room 4544		Silver Spring	MD	20993-0002
US Attorney for District of Delaware	US Attorney for District of Delaware	US Attorney for Delaware	1313 N Market Street	Hercules Building		Wilmington	DE	19801

Exhibit E

Exhibit E

Affected Party Service List

Served via First Class Mail

CreditorName	Address1	Address2	Address3	City	State	Zip	Country
Dirk Haussecker	Address on File						

Exhibit F

Exhibit F

Registered Stockholders Service List

Served via First Class Mail

CreditorName	CreditorNoticeName	Address1	Address2	Address3	City	State	Zip	Country
ADRIENNE L BRADLEY		Address on File						
AMANDA R EBERHARDT		Address on File						
ANDREA F DONLON		Address on File						
ANNETTE JULIANO & ANTHONY JULIANO JT TEN		Address on File						
ARMEN KEVORK TOROIAN & VICKY LYNN TOROIAN JT TEN		Address on File						
BEILIN ZHANG		Address on File						
BEVERLEY G CAMPOS		Address on File						
BRADLEY S CAMPOS		Address on File						
CASEY C CASE		Address on File						
CASEY CASE		Address on File						
CHARLEEN IREY FARISELLI		Address on File						
CHARLES M ARMISTEAD		Address on File						
DAMON TOROIAN		Address on File						
DLA PIPER VENTURE FUND 2008 LLC		Address on File						
EDWARD LANPHIER		Address on File						
ELIZABETH E GARRISON		Address on File						
ERIC LANE		Address on File						
ETRADE CUST FBO IRA M LECHNER ROTH IRA		Address on File						
FRANK BONSAL		Address on File						
HELEN K SAYRE		Address on File						
IRA M LECHNER TR UA 01/21/2000 IRA M LECHNER & WINIFRED E HAAG FAMILY TRUST		Address on File						
J TYLER MARTIN		Address on File						
JAHYME A BROWN		Address on File						
JOSE ALFREDO SIFUENTES		Address on File						
KAREN L SCALA		Address on File						
LISA M SHELDON CUST ERIC A SHELDON UTMA CA		Address on File						
LISA M SHELDON CUST ERIC SHELDON UTMA CA		Address on File						

Exhibit F

Registered Stockholders Service List

Served via First Class Mail

CreditorName	CreditorNoticeName	Address1	Address2	Address3	City	State	Zip	Country
LUCAS THOMAS YSLAS		Address on File						
MARSHALL WOLF		Address on File						
MATTHEW DWYER		Address on File						
MELISSA KACHURA		Address on File						
MIKE KUNIS		Address on File						
MONICA MILLER		Address on File						
NANCY FOSTER		Address on File						
PAMELA JONES		Address on File						
PAUL J MCALLISTER JR		Address on File						
PETER BRAUN		Address on File						
PHILLIP TAM		Address on File						
ROBIN L SMITH		Address on File						
RODNEY GLASS		Address on File						
RONALD A PEPIN		Address on File						
RONALD L SLONE & LINDA S SLONE JT TEN		Address on File						
Stephen T. Hungerland		Address on File						
STEVEN T NEWBY		Address on File						
UNIVERSITY OF UTAH RESEARCH FOUNDATION		Address on File						
VICTORIA L WAND & BRETT R WAND JT TEN		Address on File						
VIVIAN CHOI		Address on File						
WAYNE MITCHELL		Address on File						
YING YING WU		Address on File						

Exhibit G

Exhibit G

Substantial Stockholders Service List

Served via First Class Mail

Description	CreditorName	CreditorNoticeName	Address1	Address2	City	State	Zip
Substantial Stockholders	Armistice Capital, LLC		510 Madison Avenue	7th Floor	New York	NY	10022
Substantial Stockholders	Biogen Inc.	Michael Dambach	225 Binney Street		Cambridge	MA	02142
Substantial Stockholders	Biogen MA Inc.	Michael Dambach	225 Binney Street		Cambridge	MA	02142
Substantial Stockholders	BlackRock, Inc.		50 Hudson Yards		New York	NY	10001
Substantial Stockholders	State Street Corporation		State Street Financial Center	1 Congress St, Suite 1	Boston	MA	02114-2016
Substantial Stockholders	Steven Boyd	c/o Armistice Capital, LLC	Address on File				
Substantial Stockholders	The Vanguard Group	Ashley Grim	100 Vanguard Blvd		Malvern	PA	19355
Substantial Stockholders	Wasatch Advisors LP		505 Wakara Way	3rd Floor	Salt Lake City	UT	84108

Exhibit H

Exhibit H

Affected Members Service List

Served via First Class Mail

CreditorName	CreditorNoticeName	Address1	City	State	Zip
Adam Gui	c/o Orrick, Herrington & Sutcliffe LLP	Address on File			
Charlestown Jupiter Fund		17 State Street Suite 3811	New York	NY	10004
Irvin Schlussel		Address on File			
Kenneth Grossman PC Pension Plan		Address on File			
Perpetual Holdings, LLC		1600 Barton Springs Road, #5402	Austin	TX	78704

Exhibit I

Exhibit I

Email Service List

Served via Electronic Mail

CreditorName	Email
ABN AMRO Clearing	dl-aacb-uscompliance@abnamroclearing.com
AEIS	julie.i.nathe@ampf.com
Alpaca Securities LLC	bd-ops@alpaca.markets
Alpaca Securities LLC	support@alpaca.markets
Altruist Financial LLC	corporateactions@altruist.com
Apex Clearing	matthew.freifeld@ridgeclearing.com
Aviso Financial Inc.	directinvesting@qtrade.ca
Aviso Financial Inc.	reorg@credential.com
AXOS Clearing LLC	corporate.action@axosclearing.com
Baird Robert W & Co Incorporated	reorg@rwbaird.com
Bank of America	earl.weeks@bofa.com
Bank of America National Association	cpactionslitigation@bofa.com
Barclays Bank PLC	nyvoluntary@barclays.com
Barclays Bank PLC	jeff.savarese@barclays.com
Barclays Bank PLC	leigh.edwards@barclays.com
Beta Capital Securities LLC	info@creand.us
Bloomberg	release@bloomberg.net
BMO Capital Markets Corp	ronald.figueras@bmo.com
BMO Nesbitt Burns Inc	operationscontrol@bmo.com
BMO Nesbitt Burns Inc.	wmpoclass.actions@bmo.com
BNP Paribas NY Branch	gc.ny.proxy.service@us.bnpparibas.com
BNP Paribas NY Branch	gc_us_corporate_actions@us.bnpparibas.com
BNP Paribas NY Branch BNP PAR	pb.mand.corp.actions.dtc@us.bnpparibas.com
BNP Paribas NY Branch BNP PAR	us.pb.proxy@us.bnpparibas.com
BNY Mellon	theresa.stanton@bnymellon.com
BOFA Securities Inc.	corpactionsproxy@bofa.com
BOFA Securities Inc.	corporateactionsnotifications@bofa.com
Broadridge	specialprocessing@broadridge.com
Brown Brothers Harriman & Co	nj.mandatory.inbox@bbh.com
Brown Brothers Harriman & Co	ca.voluntary@bbh.com
Canaccord Capital Corporation	jjacques@cgf.com
Cantor Fitzgerald & Co	#corporateactions-ny@bgcpartners.com
CDS Clearing and Depository Services	nrmd@cds.ca
CDS Clearing and Depository Services	stephen.breaton@americas.ing.com
Cetera Investment Services LLC	james.scholz@ceterafi.com
Cetera Investment Services LLC	reorg@ceterafi.com
Charles Schwab & Co Inc	voluntarysetup@schwab.com
Charles Schwab & Co Inc	benjamin.gibson@schwab.com
Charles Schwab & Co Inc	reorgescalations@schwab.com
Charles Schwab & Co Inc	schwabvoluntaryreorg@schwab.com
CI Investment Services Inc./CDS	info.ciis@ci.com
CIBC World Markets Inc	mailbox.caeventscibc@cibc.ca
Citadel Securities LLC	rachel.galdones@citadel.com
Citibank NA	gts.caec.tpa@citi.com
Citibank NA	paul.koehler@citi.com
Citigroup Global Markets Inc	alex.james.swiderski@citi.com
Citigroup Global Markets Inc	nicholas.szmigel@citi.com
Citigroup Global Markets Inc	primeasnam@citi.com
Clear Street LLC	corpactions@clearstreet.io
Clear Street LLC	corpactions-alerts@clearstreet.io
Clear Street LLC	proxy@clearstreet.io

Exhibit I

Email Service List

Served via Electronic Mail

CreditorName	Email
Clearstream International SA	ca_general.events@clearstream.com
Clearstream International SA	ca_mandatory.events@clearstream.com
Credit Agricole Secs USA Inc.	csicorpactions@ca-cib.com
Credit Suisse Securities (USA) LLC	asset.servnotification@credit-suisse.com
Credit Suisse Securities (USA) LLC	list.nyevtintgrp@credit-suisse.com
CREST International Nominees Limited	info@crestdatasys.com
D A Davidson & Co	ktaylor@dadco.com
D A Davidson & Co	reorg@dadco.com
Daiwa Capital Markets America Inc	ceooffice@us.daiwacm.com
Desjardins Securities Inc	info@desjardinsbank.com
Deutsche Bank AG NY/US Custody	corpacts.notifications@db.com
Deutsche Bank Securities Inc	jaxca.notifications@db.com
Drivewealth LLC	operations@drivewealth.com
Drivewealth LLC	support@drivewealth.com
Edward D Jones & Co	kennique.meals@edwardjones.com
Edward Jones CDS	rodney.bond@edwardjones.com
ETC Brokerage Services	etcbrokerage@etcbrokerage.com
Euroclear Bank S.A./N.V.	ca.omk@euroclear.com
Euroclear Bank S.A./N.V.	eb.ca@euroclear.com
Fidelity Clearing Canada ULC CDS	fcc.proxy@fidelity.ca
Fifth Third Bank	corporateactioninquiry.bancorp@53.com
Financial Industry Regulatory Authority	otc.bankruptcies@finra.org
Financial Information Inc.	reorgnotificationlist@fiinet.com
Folio FN Investments Inc	proxyservices@foliofn.com
FUTU Clearing	corporateactions@futuclearing.com
Goldman Sachs & Co	gs-as-ny-proxy@gs.com
Goldman Sachs & Co	newyorkannchub@gs.com
Goldman Sachs International	gs-as-ny-proxy@ny.email.gs.com
Green Pier Fintech LLC	service@greenpier.com
Hilltop Securities	info@hilltopsecurities.com
HRT Financial LLC	will@hudson-trading.com
HSBC Securities & Markets	custodyus@us.hsbc.com
HSBC Securities & Markets	jay.x.spitzer@us.hsbc.com
HSBC Securities & Markets	john.hickey@us.hsbc.com
HSBC Securities & Markets	samantha.wang@us.hsbc.com
Interactive Broker Retail Equity Clearing	kmccarthy@interactivebrokers.com
Interactive Broker Retail Equity Clearing	proxy@ibkr.com
Jefferies & Co Inc	mhardiman@jefferies.com
Jefferies & Co Inc	corporate_actions_reorg@jefferies.com
Jefferies & Co Inc	rcregan@jefferies.com
JMS LLC	reorgcontacts@janney.com
JP Morgan Securities LLC	ibdvr.materials@jpmchase.com
JP Morgan Securities LLC	pb.announcement.capture@jpmchase.com
JPMorgan Chase Bank NA	jpmorganinformation.services@jpmchase.com
JPMorgan Chase Bank NA	sec.lending.coacs@jpmorgan.com
JPMorgan Chase Bank NA	usso.proxy.team@jpmchase.com
JPMorgan Chase Bank/Euroclear	jpmorganinformation.services@jpmorgan.com
JPMorgan Chase Bank/Euroclear	usso.proxy.team@jpmorgan.com
JPMorgan Clearing	ib_domestic_voluntary_corporate_actions@jpmorgan.com
Keybank National Association	trust_corporate_actions@keybank.com
LPL Financial LLC	christine.stawinsky@lpl.com

Exhibit I

Email Service List

Served via Electronic Mail

CreditorName	Email
LPL Financial LLC	corporateaction.mailbox@lplfinancial.com
LPL Financial LLC	proxyshareholdercommunications@lplfinancial.com
M1 Finance LLC	seclendingchoices@m1.com
Mediant Communications	corporateactions@betanxt.com
Mediant Communications	maya.hamdan@betanxt.com
Mediant Communications	michele.kass@betanxt.com
Mediant Communications	noel.seguin@betanxt.com
Mediant Communications	rachel.fisher@betanxt.com
Mitsubishi UFJ Trust & Banking Corp	corporateactions-dl@us.tr.mufg.jp
Morgan Stanley & Co	carol.sorhaindo-charlemagne@morganstanley.com
Morgan Stanley & Co	cavsdom@morganstanley.com
Morgan Stanley & Co	dealsetup@morganstanley.com
Morgan Stanley & Co	im-classact@morganstanley.com
Morgan Stanley & Co	jodancy.mackensy@morganstanley.com
Morgan Stanley & Co	john.falco@morganstanley.com
Morgan Stanley & Co	proxy.balt@morganstanley.com
Morgan Stanley & Co	raquel.del.monte@morganstanley.com
Morgan Stanley & Co	thomas.hunter@morganstanley.com
Morgan Stanley & Co	usproxies@morganstanley.com
Morgan Stanley & Co	anthony.halat@morganstanley.com
Morgan Stanley & Co	anthony.hoe@morganstanley.com
Morgan Stanley & Co	david.lai@morganstanley.com
Morgan Stanley & Co	omar.thomas@morganstanley.com
Morgan Stanley & Co	thomas.hunter@morganstanley.com
Morgan Stanley Smith Barney	john.rogan@morganstanley.com
Morgan Stanley Smith Barney	voluntary.processing@morganstanley.com
Muriel Siebert & Co., LLC	service@siebert.com
National Bank Financial Inc./CDS	anna.medeiros@nbcn.ca
National Financial Services	reorganization@fmr.com
Northern Trust Company	sharedcadocuments@ntrs.com
Oppenheimer & Co Inc	reorg@opco.com
Pershing LLC Securities Corporation	pershingproxy@bny.com
Pershing LLC Securities Corporation	sreifer@pershing.com
Pershing LLC Securities Corporation	voluntaryprocessing@pershing.com
Phillip Capital Inc.	securitieslending@phillipcapital.com
PNC Bank NA	caspr@pnc.com
PNC Bank NA	caspr@pnc.com
Principal Bank	corpactresponses@principal.com
Questrade Inc	support@questrade.com
Raymond James & Associates Inc	corporateactions@raymondjames.com
Raymond James & Associates Inc	tracey.goodwin@raymondjames.com
RBC Capital Markets Corporation	donald.garcia@rbc.com
RBC Capital Markets Corporation	frankie.ferrer@rbc.com
RBC Capital Markets Corporation	rbcwmreorganization@rbc.com
Reliance Trust Company/FIS Trustdesk	patrick.hogan@fisglobal.com
Robinhood Securities LLC	jennifer.ditzel@robinhood.com
Robinhood Securities LLC	proxy@saytechnologies.com
RQD Clearing LLC	info@rqdclearing.com
S&P Global	joseph.colella@spglobal.com
Scotia Bank	bnsreorg.instructions@scotiabank.com
Scotia Capital Inc./CDS	corporateaction.elections@scotiabank.com

Exhibit I

Email Service List

Served via Electronic Mail

CreditorName	Email
SEI Private Trust Co	platformca@seic.com
SIS SegaInterSettle AG	ca.notices@six-securities-services.com
Southwest Securities	proxy@swst.com
Southwest Securities	vallwardt@swst.com
State Street Bank & Trust Co	ktjohndrow@statestreet.com
State Street Bank and Trust Co	mocaclientinquiries@statestreet.com
State Street Bank and Trust Co	rjray@statestreet.com
State Street Bank and Trust Co	ssbmoca@statestreet.com
State Street Bank and Trust Co	uscaresearch@statestreet.com
Stifel Nicolaus & Co Inc	danielm@stifel.com
Stifel Nicolaus & Co Inc	kivlehens@stifel.com
Stifel Nicolaus & Co Inc	schadeggg@stifel.com
StoneX Financial Inc.	dg-clre-org_tenders@stonex.com
StoneX Financial Inc.	kenneth.simpson@intlfcstone.com
TD Waterhouse Canada Inc	tdnotice@td.com
The Bank of New York Mellon	justin.whitehouse@bnymellon.com
The Bank of New York Mellon	pgheventcreation@bnymellon.com
The Bank of New York Mellon/Barclay	voluntarycorporateactionsdomestic@bnymellon.com
The Canadian Depository	sies-cainfo@cds.ca
The Depository Trust Co	cscotto@dtcc.com
The Depository Trust Co	david.boggs@markit.com
The Depository Trust Co	joseph.pozolante@markit.com
The Depository Trust Co	kevin.jefferson@markit.com
The Depository Trust Co	legalandtaxnotices@dtcc.com
The Depository Trust Co	lensnotices@dtcc.com
The Depository Trust Co	mandatoryreorgannouncements@dtcc.com
The Depository Trust Co	mk-corporateactionsannouncements@markit.com
The Northern Trust Company	class_action_proxy_team@ntrs.com
The Northern Trust Company	cs_notifications@ntrs.com
TradeStation Group Inc	ccanning@tradestation.com
TradeUp Securities Inc.	junyue.ma@tradeup.com
TradeUp Securities Inc.	op@tradeup.com
TradeUp Securities Inc.	sam.chen@tradeup.com
TradeUp Securities Inc.	theresa.woo@tradeup.com
TZ Clear LLC	brian.pagnanelli@tzclear.com
TZ Clear LLC	info@tzclear.com
UBS Financial Services LLC	ol-stamfordcorpactions@ubs.com
UBS Financial Services LLC	ol-wma-ca-proxy@ubs.com
UBS Financial Services LLC	sh-vol-caip-na@ubs.com
UBS Financial Services LLC	sh-wma-caproxyclassactions@ubs.com
UBS Financial Services LLC	jane.flood@ubs.com
UBS Financial Services LLC	ol-wma-vol-caip@ubs.com
UBS Financial Services LLC	ol-wma-volcorpactions@ubs.com
UBS Financial Services LLC	sh-ca-proxy@ubs.com
UBS Financial Services LLC	sh-proxyvoting@ubs.com
UBS Securities LLC	kimberly.breese@ubs.com
UBS Securities LLC	michael.marciano@ubs.com
UBS Securities LLC	ol-eventmanagement@ubs.com
UBS Securities LLC/Securities Lending	gregory.contaldi@ubs.com
US Bank NA	andy.becker@usbank.com
US Bank NA	trust.proxy@usbank.com

Exhibit I

Email Service List

Served via Electronic Mail

CreditorName	Email
US Bank NA	trustcorporateactions@usbank.com
Vanguard Marketing Corporation	vbs_corporate_actions@vanguard.com
Velocity Clearing LLC	corporateactions@velocityclearingllc.com
Velox Clearing LLC	dl-operations@velox-global.com
Virtu Americas LLC	kcscorporateactions@virtu.com
Vision Financial Markets	reorgs@visionfinancialmarkets.com
Vision Financial Markets LLC	amartinez@visionfinancialmarkets.com
Vision Financial Markets LLC	securitiesops@vfmarkets.com
WealthSimple Investments Inc.	w4w@wealthsimple.com
Wedbush Morgan Securities Inc	mark.poznar@wedbush.com
Wells Fargo Bank NA/Sig	corporate.actiongroup@wellsfargo.com
Wells Fargo Clearing Services LLC	carla.diamond@wellsfargoadvisors.com
Wells Fargo Clearing Services LLC	prospectusservicing1@wellsfargo.com

Exhibit J

Exhibit J

Nominee Agent Service List

Served via Overnight Mail

CreditorName	Address1	City	State	Zip
Broadridge	51 Mercedes Way	Edgewood	NY	11717
Mediant Communications	100 Demarest Dr	Wayne	NJ	07470

Exhibit K

Exhibit K
Nominee Service List
Served via First Class Mail

CreditorName	CreditorNoticeName	Address1	Address2	Address3	City	State	Zip	Country
ABN AMRO Clearing	Caryn Dombrowski	175 W Jackson Blvd	Ste 2050		Chicago	IL	60604-2606	
AEIS	Julie I Nathe	2178 Ameriprise Financial Center	Routing S6/2178		Minneapolis	MN	55474	
Alpaca Securities LLC	Proxy Department	42881 Lake Babcock Dr.	Suite 200		Babcock Ranch	FL	33982	
Altruist Financial LLC	Matthew Simonetti	300 S. Pearl Expressway	Suite 250		Dallas	TX	75201	
Apex Clearing	Matt Freifeld	1981 Marcus Ave	Ste 100		Lake Success	NY	11042	
Aviso Financial Inc.	Proxy Department	1111 Georgia St W	Suite 800		Vancouver	BC	V6E 4T6	Canada
AXOS Clearing LLC	Bawn Froning II	15950 W. Dodge Rd	Suite 300		Omaha	NE	68118	
Baird Robert W & Co Incorporated	Actions Corporate	777 E Wisconsin Ave			Milwaukee	WI	53202	
Bank of America National Association	Sharon Brown	1201 Main Street	9th Floor		Dallas	TX	75202	
Barclays Bank PLC	Leigh Edwards	400 Jefferson Park			Whippany	NJ	07981-0000	
Beta Capital Securities LLC	Roger Rodriguez	777 Brickell Avenue	Suite 1201		Miami	FL	33131	
BMO Capital Markets Corp	Ronald Figueras	3 Second St	12th Fl	Harborside Plaza 10	Jer sey City	NJ	07302	
BMO Nesbitt Burns Inc	Louise Torangeau	1 First Canadian Place 13th Fl	PO Box 150		Toronto	ON	M5X 1H3	Canada
BNP Paribas NY Branch	David Bay	Global and Local Custody Services	735 Chesterbrook Blvd.	2nd Floor	Chesterbrook	PA	19087	
BNP Paribas NY Branch BNP PAR	Asset Services	525 Washington Blvd	7th Floor		Jersey City	NJ	07310	
BOFA Securities Inc.	Kevin Ryan	9000 Southside Blvd	Bldg 300	FL9-300-02-26	Jacksonville	FL	32256	
Brown Brothers Harriman & Co	Jerry Travers	525 Washington Blvd	Newport Towers		Jersey City	NJ	07310	
Canaccord Capital Corporation	James Jacques	2200-609 Granville St			Vancouver	BC	V7Y 1H2	Canada
Cantor Fitzgerald & Co	Louis Pagnotta	110 E 59th St	Asset Servicing		New York	NY	10022	
CDS Clearing and Depository Services	Loretta Verelli	600 Boul. de Maisonneuve	LLC/ Internatioouest	Bureau 210	Montreal	QC	H3A 3J2	Canada
Cetera Investment Services LLC	Jim Scholz	400 First Street South	Ste 300		St Cloud	MN	56301	
Charles Schwab & Co Inc	Benjamin Gibson	2423 E Lincoln Dr	Corp Actions Dept 01-1B572		Phoenix	AZ	85016	
CI Investment Services Inc./CDS	Proxy/Reorg Dept	15 York St.	2nd Fl		Toronto	ON	M5J 0A3	Canada
CIBC World Markets Inc	Roderick Roopsingh	22 Front St West			Toronto	ON	M5J 2W5	Canada
Citadel Securities LLC	Rachel Galdones	131 South Dearborn St			Chicago	IL	60603	
Citibank NA	Paul Koehler	3800 Citibank Center			Tampa	FL	33610	
Citigroup Global Markets Inc	Charles Fernandes	388 Greenwich Street	11th Floor		New York	NY	10013	
Clear Street LLC	Andrew Overstreet	4 World Trade Center	150 Greenwich St.	Floor 45	New York	NY	10007	
CREST International Nominees Limited	Nathan Ashworth	33 Cannon St			London		EC4M 5SB	United Kingdom
D A Davidson & Co	Reorg Dept	8 Third Street North			Great Falls	MT	59401	
Daiwa Capital Markets America Inc	Sergio Leon	Financial Square	32 Old Slip 14th Fl		New York	NY	10005	
Desjardins Securities Inc	Veronique Lemieux	1060 University Street	Suite 101		Montreal	PQ	H5B 5L7	Canada
Deutsche Bank AG NY/US Custody	John Binder	Harborside Financial Center	100 Plaza One, 2nd Floor	Corporate Actions Dept	Jersey City	NJ	07311-3988	
Drivewealth LLC	Drivewealth LLC	15 Exchange Place			Jersey City	NJ	07302	
Edward D Jones & Co	Kennique Meals	12555 Manchester Rd	Corp Actions Dept		St Louis	MO	63131	
Edward Jones CDS	Rody Bond	12555 Manchester Rd	Corp Actions Dept		St Louis	MO	63131	

Exhibit K
Nominee Service List
Served via First Class Mail

CreditorName	CreditorNoticeName	Address1	Address2	Address3	City	State	Zip	Country
ETC Brokerage Services	ETC Brokerage Services	1 Equity Way			Westlake	OH	44145	
Fidelity Clearing Canada ULC CDS	Steve Adams	401 Bay St	Ste 2910		Toronto	ON	M5H 2Y4	Canada
Fifth Third Bank	Daniel Wilson	5001 Kinglsy Dr	Mail Drop 1M0B2D		Cincinnati	OH	45263	
Folio FN Investments Inc	Ashley Theobald	8180 Greensboro Dr	8th Fl		McLean	VA	22102	
FUTU Clearing	Colette Rex	12750 Merit Dr	Ste 475		Dallas	TX	75251	
Goldman Sachs & Co	Proxy Department	30 Hudson St			Jersey City	NJ	07302-4699	
Goldman Sachs International	Vanessa Camardo	30 Hudson St			Jersey City	NJ	07302-4699	
Green Pier Fintech LLC	Jordan Smith	245 Summer Street	V3A		Boston	MA	02210	
Hilltop Securities	Proxy Department	1201 Elm St	Ste 3700		Dallas	TX	75270	
HRT Financial LLC	William Krinsky	32 Old Slip 30th Floor			New York	NY	10005	
HSBC Bank USA, NA	Joseph Telewiak	545 Washington Blvd			Jersey City	NJ	07310	
HSBC Securities USA Inc	Argentina M. Frias	452 5th Ave			New York	NY	10018	
Interactive Broker Retail Equity Clearing	Karin McCarthy	2 Pickwick Plz	2nd Fl		Greenwich	CT	06830	
Jefferies & Co Inc	Kirk Flessas	101 Hudson Street	11th Floor		Jersey City	NJ	07302	
JMS LLC	Milka Cerda	1717 Arch St	Dividend/Reorg Dept 16th Fl		Philadelphia	PA	19103	
JP Morgan Securities LLC	Eric Burcham	500 Stanton Christiana Rd			Newark	DE	19713	
JPMorgan Chase Bank NA	Proxy Department	14201 Dallas Parkway			Dallas	TX	75254	
JPMorgan Chase Bank/Euroclear	Announcement Team	500 Stanton Christiana Road	OPS 4	Floor 2	Newark	DE	19713-2107	
Keybank National Association	Karen Bednarski	4900 Tiedman	Mail Code OH 01 49 0230		Brooklyn	OH	44114	
LPL Financial LLC	Christine Stawinsky	Corporate Actions	1055 LPL Financial Way		Fort Mill	SC	29715	
M1 Finance LLC	M1 Finance LLC	200 N La Salle St	Suite 800		Chicago	IL	60601	
Merrill Lynch Pierce Fenner & Smith	Kevin Ryan	9000 Southside Blvd	Bldg 300	FL9-300-02-26	Jacksonville	FL	32256	
Merrill Lynch, Pierce, Fenner & Smith	Kevin Ryan	9000 Southside Blvd.	Bldg 300	FL9-300-02-26	Jacksonville	FL	32256	
Morgan Stanley & Co	Anthony Hoe	One New York Plaza	6th Fl		New York	NY	10004	
Morgan Stanley Smith Barney	John Rogan	Corporate Actions Dept	One New York Plaza		New York	NY	10004	
Muriel Siebert & Co., LLC	Eleanor Pimentel	77 Summer St	3rd Fl		Boston	MA	02210-0000	
National Bank Financial Inc./CDS	Anna Medeiros	1010 de la Gauchetiere			Montreal	BC	H3B 5J2	Canada
National Financial Services	Lou Trezza	200 Liberty St			New York	NY	10281	
Oppenheimer & Co Inc	Oscar Mazario	125 Broad St	15th Fl		New York	NY	10004	
Pershing LLC Securities Corporation	Scott Reifer	1 Pershing Plaza			Jersey City	NJ	07399-0000	
Phillip Capital Inc.	Bill Webber	141 W Jackson Blvd	Ste 1531A		Chicago	IL	60604-3121	
PNC Bank NA	Eileen Blake	8800 Tinicum Blvd	MS F6 F266 02 2		Philadelphia	PA	19153	
Principal Bank	Sean Doherty	222 S 9th St			Minneapolis	MN	55402	
Questrade Inc	Questrade Inc	5700 Yonge St			North York	ON	M2M 4K2	Canada
Raymond James & Associates Inc	Tracey Goodwin	880 Carillion Pkwy			St Petersburg	FL	33733	
Raymond James & Associates Inc / Ray	Christine Pearson	PO Box 14407			St Petersburg	FL	33733	
Raymond James Ltd/CDS	Aaron Steinberg	333 Seymour St	Ste 800		Vancouver	BC	V6B 5A6	Canada

Exhibit K
Nominee Service List
Served via First Class Mail

CreditorName	CreditorNoticeName	Address1	Address2	Address3	City	State	Zip	Country
RBC Capital Markets Corporation	Steve Schafer Jr	60 South Sixth St	9th Fl		Minneapolis	MN	55402-4400	
RBC Dominion Securities Inc	Donald Garcia	180 Wellington Street West	9th Floor		Toronto	ON	M5J 0C2	Canada
Reliance Trust Company/FIS Trustdesk	Patrick Hogan	1100 Abernathy Road NE	Ste 400		Atlanta	GA	30328	
Robinhood Securities LLC	Dawn Pagliaro	500 Colonial Center Parkway, #100			Lake Mary	FL	32746	
RQD Clearing LLC	Proxy Department	1 World Trade Center	#47m		New York	NY	10007	
Scotia Capital Inc./CDS	Andrew MacLachlan	40 King St West	23rd Fl		Toronto	ON	M5H 1H1	Canada
SEI Private Trust Co	Jeff Hess	One Freedom Valley Drive			Oaks	PA	19456	
SEI PV/GWP	Jeff Hess	One Freedom Valley Drive			Oaks	PA	19456	
State Street Bank & Trust Co	Karen Johndrow	Corp Actions JAB5E	1776 Heritage Dr		North Quincy	MA	02171-0000	
State Street Bank and Trust Co	Corporate Action	Corp Actions JAB5E	1776 Heritage Dr		North Quincy	MA	02171-0000	
Stifel Nicolaus & Co Inc	Michelle Daniel	501 N Broadway	7th Fl		St. Louis	MO	63102	
StoneX Financial Inc.	Ken Simpson	Two Perimeter Park S	Ste 100W		Birmingham	AL	35243	
TD Waterhouse Canada Inc	Beverly Adams	60 North Windplace			Scarborough	ON	M1S 3A7	Canada
The Bank of New York Mellon	Enis Suljic	One BNY Mellon Center	500 Grant Street		Pittsburgh	PA	15281-0001	
The Bank of New York Mellon/Barclay	Michael Kania	One BNY Mellon Center	500 Grant Street		Pittsburgh	PA	15281-0001	
The Bank of New York/Charles	Michael Kania	One BNY Mellon Center	500 Grant Street		Pittsburgh	PA	15281-0001	
The Northern Trust Company	Ryan Chislett	333 Wabash Ave.			Chicago	IL	60604	
TradeStation Group Inc	Cindy Canning	8050 SW 10th St	Ste 2000		Plantation	FL	33324	
TradeUp Securities Inc.	Junyue Ma	437 Madison Ave.	27th Floor		New York	NY	10022	
TZ Clear LLC	Proxy Department	8080 North Central Expressway	Suite 1700		Dallas	TX	75206	
UBS Financial Services LLC	Jane Flood	1000 Harbor Blvd			Weehawken	NJ	07086-0000	
UBS Securities LLC	Michael Marciano	480 Washington Blvd			Jersey City	NJ	07310-0000	
UBS Securities LLC/Securities Lending	Gregory Contaldi	480 Washington Blvd			Jersey City	NJ	07310-0000	
US Bank NA	Andy Becker	1555 N Rivercenter Dr Ste 302	Attn Securities Control		Milwaukee	WI	53212	
Vanguard Marketing Corporation	Corporate Actions	455 Devon Park Dr	Attn Corporate Actions	Mailstop 924	Wayne	PA	19087-1815	
Velocity Clearing LLC	Paul Fioribello	1301 Route 36	Suite 109		Hazlet	NJ	07730	
Velox Clearing LLC	Velox Clearing LLC	600 Brickell Ave	Suite 2800		Miami	FL	33131	
Virtu Americas LLC	Anna Rossi	545 Washington Blvd			Jersey City	NJ	07310	
Vision Financial Markets LLC	Anna Martinez	1010 Washington Blvd.	Suite 300		Stamford	CT	06901	
WealthSimple Investments Inc.	WealthSimple Investments Inc.	80 Spadina Avenue	4th Floor		Toronto	ON	M5V 2J4	Canada
Wedbush Morgan Securities	Mark Poznar	PO Box 30014			Los Angeles	CA	90030	
Wedbush Securities Inc	Mark Poznar	1000 Wilshire Blvd	Ste 850		Los Angeles	CA	90017	
Wells Fargo Bank NA/Sig	Robert Matera	1525 West WT Harris Blvd			Charlotte	NC	28262	
Wells Fargo Clearing Services LLC	Jon Norris	2801 Market Street	MAC H0006-09E		Saint Louis	MO	63103	