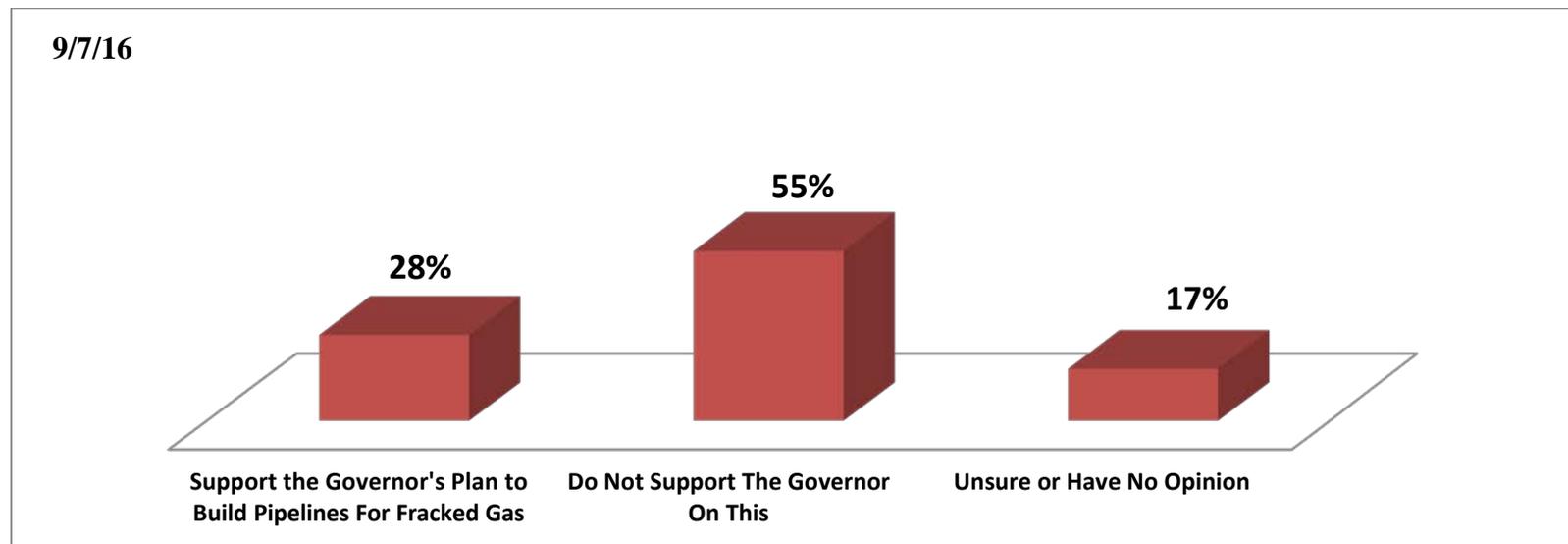


Virginia Statewide Energy Survey, September 7, 2016
Released by: Chesapeake Climate Action Network & Virginia Organizing

Building The Natural Gas Pipelines

“Governor McAuliffe supports building two long pipelines that would bring gas from West Virginia into Virginia and send it across the state. He says the pipelines will create jobs, lower bills, help manufacturing, and help the environment. This gas would be extracted through hydraulic fracturing drilling, or fracking. Opponents say these pipelines will allow energy corporations to take hundreds of miles of privately owned land from citizens for private corporate gain. Opponents also say the pipelines will harm Virginia farms, worsen pollution, and damage drinking water and local wells. Weighing the pros and cons, do you support the Governor’s efforts to build these pipelines for fracked gas across Virginia, or not?”

(n = 732)



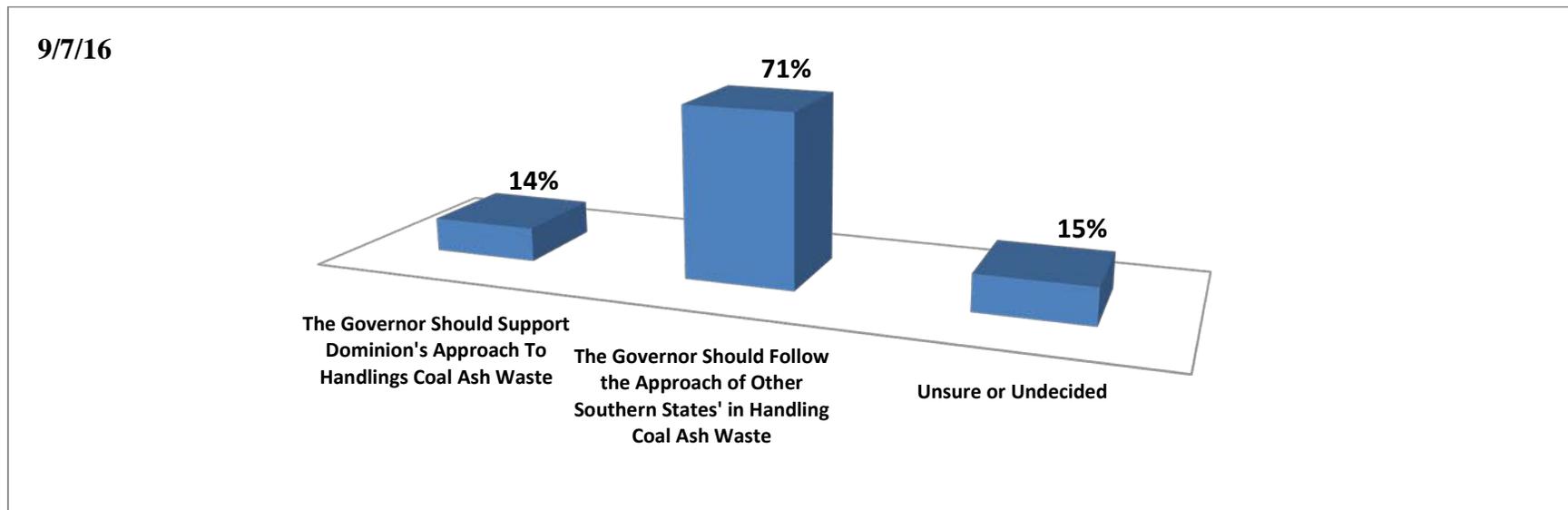
Among all voters living in Rural Virginia, including the cities and counties through which the pipelines are to pass, 58 percent do not support the plans to build the natural gas pipelines. Also three-fifths of Female Republicans (60%) and two thirds (66%) of Female Independents – way above the norm – do not support building the pipelines. A plurality of Republican Men do (46%), but even here the support level did not hit a 50 percent majority.

Virginia Statewide Energy Survey, September 7, 2016
Released by: Chesapeake Climate Action Network & Virginia Organizing

Coal Ash Disposal

“For decades, Dominion Power has burned coal to create electricity, resulting in an accumulation of millions of tons of coal ash waste near the banks of the Potomac, James, and other rivers. This waste must now be disposed of. Dominion wants to leave its coal ash waste in the ground, covering the top of the ash and not placing protective barriers or linings along the bottom. Dominion says this is safe. North and South Carolina and Georgia have rejected this method as unsafe. They have required the coal ash be moved away from rivers and drinking water into protected, lined landfills. Do you think the Governor should support Dominion’s approach, OR, follow the approach of other Southern States’ to remove the ash to modern landfills?”

(n = 732)



Out of the 42 population subgroups which we created to help analyze the findings, there was not one population class in which there is a majority in favor of Dominion’s programmatic handling of its coal ash waste. The best Dominion program’s level of support was able to capture was 22 percent out of Northern Virginia. Even there, however, 63 percent prefer the way North Carolina, South Carolina, and Georgia is handling this environmental dilemma.

SURVEY METHODOLOGY

On the evening of September 7, 2016, The Cromer Group interviewed 732 of Virginia's registered voters using an Interactive Voice Response (IVR) telephone system. Twenty-five thousand phone numbers of voters registered in Virginia were randomly selected from the full list of Commonwealth voters; duplicate household phone numbers were deleted so that no phone number would receive more than one call. Every phone number in the sample had an equal chance of being called.

Five geographic regions within the Commonwealth were created based on the needs of the client. Weights were applied to the data to match the demographic and voting history profiles of Virginia's voters.

This poll has a sampling error of no more than ± 4 percent at a 95 percent level of confidence, meaning that at least 95 percent of the time the survey results will differ by no more than the 4 percent margin of error if every voter in Virginia had been interviewed. However, the error rate does vary according to the division of responses for each question and the resulting sample size in each population cell.

ABOUT THE CROMER GROUP

Since 1978, The Cromer Group has been in the business of public opinion research, conducting thousands of surveys and focus groups for political candidates, political organizations, associations, non-profits, NGO's, private corporations, and media outlets over the past 38 years. During these years, The Cromer Group has been involved with many environmental issues and concerns, including our work with The Nature Conservancy in Pennsylvania, New York, Maryland, Delaware, Virginia, Ohio, Michigan and Missouri. In Alaska and elsewhere, we have extensive experience measuring public opinion on issues that often put environmental policies up against economic and jobs-related considerations. In December, 2015, we conducted an IVR study for Potomac Riverkeeper Network regarding the disposal of coal ash in the Quantico Creek area of Virginia.

CROMER GROUP -VA STATEWIDE IVR - CHESAPEAKE CLIMATE ACTION NETWORK - SEPT 7, 2016

Table 1-1

Q1. ...PRESS '1' IF YOU SUPPORT THE GOVERNOR'S PLAN TO BUILD PIPELINES FOR FRACKED GAS, PRESS '2' IF YOU DO NOT SUPPORT THE GOVERNOR ON THIS, PRESS '3' IF YOU ARE UNSURE OR HAVE NO OPINION.

	TOTL	DO		UNSURE
		SPPRT	NOT SPPRT	
	-----	-----	-----	-----
TOTAL	732	206	399	127
	100%	28%	55%	17%
PIPELELINE REGION	102	24	57	21
	100%	23%	56%	21%
TIDEWATER	139	40	73	26
	100%	29%	52%	19%
CAPITAL/CENTRAL	110	30	67	13
	100%	27%	61%	12%
NORTHERN VA	212	86	100	26
	100%	40%	47%	12%
RURAL VIRGINIA	168	26	102	41
	100%	15%	61%	24%
DEMOCRATS	205	42	109	54
	100%	20%	53%	26%
REPUBLICANS	315	120	157	38
	100%	38%	50%	12%
INDEPENDENTS	212	44	133	36
	100%	21%	63%	17%
MALE DEMCRTS	74	27	41	6
	100%	36%	55%	9%
FEMALE DEMCRTS	131	15	69	47
	100%	12%	52%	36%
MALE REPBLCONS	176	81	74	21
	100%	46%	42%	12%
FEMALE REPBLCONS	139	39	83	16
	100%	28%	60%	12%
MALE INDPNDTS	102	30	61	12
	100%	29%	59%	11%
FEMALE INDPNDTS	110	14	72	24
	100%	12%	66%	22%

CROMER GROUP -VA STATEWIDE IVR - CHESAPEAKE CLIMATE ACTION NETWORK - SEPT 7, 2016
 Table 1-2

Q1. ...PRESS '1' IF YOU SUPPORT THE GOVERNOR'S PLAN TO BUILD PIPELINES FOR FRACKED GAS, PRESS '2' IF YOU DO NOT SUPPORT THE GOVERNOR ON THIS, PRESS '3' IF YOU ARE UNSURE OR HAVE NO OPINION.

	TOTL	DO NOT		
	-----	SPPRT	SPPRT	UNSURE
	-----	-----	-----	-----
TOTAL	732	206	399	127
	100%	28%	55%	17%
TOTAL MEN	351	137	175	39
	100%	39%	50%	11%
TOTAL WOMEN	381	68	224	88
	100%	18%	59%	23%
YOUNGER MEN	98	28	54	15
	100%	29%	55%	16%
MID-AGED MEN	150	63	77	10
	100%	42%	51%	7%
OLDER MEN	104	46	44	13
	100%	45%	42%	13%
YOUNGER WOMEN	85	14	45	26
	100%	17%	53%	30%
MID-AGED WOMEN	135	23	96	16
	100%	17%	71%	12%
OLDER WOMEN	160	31	83	46
	100%	19%	52%	29%
LO INCM HHLDS	226	52	110	64
	100%	23%	49%	28%
MID INCM HHLDS	257	70	150	37
	100%	27%	58%	14%
HI INCM HHLDS	197	78	97	22
	100%	40%	49%	11%
WHITES	520	154	294	72
	100%	30%	57%	14%
AFRICAN-AM	132	28	67	36
	100%	21%	51%	27%
LATINOS	51	13	26	12
	100%	25%	51%	24%

CROMER GROUP -VA STATEWIDE IVR - CHESAPEAKE CLIMATE ACTION NETWORK - SEPT 7, 2016
 Table 3-1

Q3. ...PRESS '1' IF YOU THINK THE GOVERNOR SHOULD SUPPORT DOMINION'S APPROACH TO HANDLING COAL ASH WASTE, PRESS '2' IF YOU THINK THE GOVERNOR SHOULD FOLLOW THE APPROACH OF OTHER SOUTHERN STATES IN HANDLING COAL ASH WASTE, PRESS '3' IF YOU ARE UNSURE OR UNDECIDED.

	TOTL	DOM'S APPRCH	OTHR STATES	UNSURE
	-----	-----	-----	-----
TOTAL	732 100%	106 14%	517 71%	110 15%
PIPELELINE REGION	102 100%	9 9%	73 71%	20 20%
TIDEWATER	139 100%	13 9%	109 78%	17 12%
CAPITAL/CENTRAL	110 100%	24 22%	66 60%	19 17%
NORTHERN VA	212 100%	46 22%	134 63%	32 15%
RURAL VIRGINIA	168 100%	13 8%	134 80%	22 13%
DEMOCRATS	205 100%	23 11%	148 72%	34 16%
REPUBLICANS	315 100%	54 17%	221 70%	40 13%
INDEPENDENTS	212 100%	28 13%	148 70%	36 17%
MALE DEMCRTS	74 100%	16 22%	40 55%	17 23%
FEMALE DEMCRTS	131 100%	7 5%	107 82%	17 13%
MALE REPBLCONS	176 100%	36 20%	111 63%	28 16%
FEMALE REPBLCONS	139 100%	18 13%	109 79%	12 8%
MALE INDPNDTS	102 100%	15 15%	73 71%	14 14%
FEMALE INDPNDTS	110 100%	13 12%	75 68%	22 20%

CROMER GROUP -VA STATEWIDE IVR - CHESAPEAKE CLIMATE ACTION NETWORK - SEPT 7, 2016
 Table 3-2

Q3. ...PRESS '1' IF YOU THINK THE GOVERNOR SHOULD SUPPORT DOMINION'S APPROACH TO HANDLING COAL ASH WASTE, PRESS '2' IF YOU THINK THE GOVERNOR SHOULD FOLLOW THE APPROACH OF OTHER SOUTHERN STATES IN HANDLING COAL ASH WASTE, PRESS '3' IF YOU ARE UNSURE OR UNDECIDED.

	TOTL	DOM'S APPRCH	OTHR STATES	UNSURE
	-----	-----	-----	-----
TOTAL	732 100%	106 14%	517 71%	110 15%
TOTAL MEN	351 100%	68 19%	225 64%	59 17%
TOTAL WOMEN	381 100%	38 10%	292 77%	51 13%
YOUNGER MEN	98 100%	14 15%	73 75%	10 10%
MID-AGED MEN	150 100%	33 22%	100 67%	17 11%
OLDER MEN	104 100%	20 19%	51 50%	32 31%
YOUNGER WOMEN	85 100%	8 9%	68 79%	10 12%
MID-AGED WOMEN	135 100%	20 15%	102 76%	13 9%
OLDER WOMEN	160 100%	10 7%	122 76%	28 17%
LO INCM HHLDS	226 100%	21 9%	175 77%	30 13%
MID INCM HHLDS	257 100%	42 16%	182 71%	34 13%
HI INCM HHLDS	197 100%	37 19%	129 65%	31 16%
WHITES	520 100%	83 16%	380 73%	57 11%
AFRICAN-AM	132 100%	11 8%	93 71%	28 21%
LATINOS	51 100%	-	26 52%	25 48%